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Note. When the specific epithet of a fungus has been derived from an adjectival specific epithet of its host plant, it has been customary, in this *Index*, to alter the ending where necessary to agree in gender and case with its new (fungus) generic name, in accordance with Art. 33 para. 3 of the *International Code of Botanical Nomenclature*, 1952. This article has been amended, as Art. 23 of the *International Code of Botanical Nomenclature*, 1956, to allow in such an example an adjectival specific epithet of the host plant to be treated as a substantive (i.e. standing for a binomial). *Venturia tomentosae* (p. 327 below), from the host plant *Cotoneaster tomentosa*, is thus now permissible.

- Achrotelium lucumae** Cummins in *Mycologia*, 48, p. 601, 1956 on *Lucuma nervosa*.—Florida, U.S.A. (*Achrotelium lucumae* (Arth. & J. R. Johnston) Cummins, nom. nud. [this *Index*, 1, pp. 2 and 87].)
- Acladium ellipticum** Batista apud Batista, Nascimento & Vital in *Publ. Inst. Mic. Univ. Recife*, 33, p. 3, 1956 on *Colletotrichum* on *Bromelia*.—Brazil.
- Aecidium barleriae** Salam & Ramachar in *J. Indian bot. Soc.*, 35, p. 152, 1956 on leaves of *Barleria cuspidata*.—Hyderabad-Deccan Province, India.
- barnadesiae** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 471, 1956 on *Barnadesia dombeyana*.—Ecuador.
- colchici** Ahmad in *Biologia*, 2, p. 94, 1956 on leaves of *Colchicum luteum*.—West Pakistan.
- *—**cryptostemmatis** W. L. Waterhouse in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 264, 1953 on leaves of *Cryptostemma calendulaceum*.—New South Wales, Australia.
- culcitii** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 472, 1956 on *Culcitium adscendens*.—Ecuador.
- heterothalami** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 459, 1956 on *Heterothalamus acaulis*.—Bolivia.
- iresines** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 445, 1956 on *Iresine*.—Ecuador.
- ulluci** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 454, 1956 on *Ullucus tuberosus*.—Bolivia.
- werneriae** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 473, 1956 on *Werneria pygmaea*.—Bolivia.
- wernericola** Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 473, 1956 on *Werneria nubigena*.—Bolivia.
- Agaricus australiensis** Hansford [as '*Agaricus (Psalliota) australiensis*'] in *Proc. Linn. Soc. N.S.W.*, 81, p. 41, 1956 in a garden. —New South Wales, Australia.
- Aleurodiscus berggreni** (Cke.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 277, 1953. (Syn. *Hypocrea berggreni* Cke.).
- zealandicus** (Cke. & Phil.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 298, 1953. (Syn. *Cyphella zealandica* Cke. & Phil.).
- ***Allophylaria schieferdeckeriana** Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 92, 1954 on bark of Willow [*Salix*].—Germany.
- Alternaria amaranthi** (Peck) Venkatakrishnaiah (this *Index*, 2, p. 143). Combination already made by Van Hook in *Proc. Indiana Acad. Sci.*, 1920, p. 214, 1921.
- ***Amanita loricata** Gentili in *W. Aust. Nat.*, 4, p. 59, 1953.—Western Australia.
- *—**preissii** (Fries) Sacc. forma **levis** Gentili in *W. Aust. Nat.*, 4, p. 29, 1953 usually near *Banksia* and *Casuarina*.—Western Australia.
- *—forma **ochroterrea** Gentili in *W. Aust. Nat.*, 4, p. 30, 1953.—Western Australia.
- ***ANDOHAELOA** Manier in *Nat. malgache*, 7, p. 89, 1955.—Trichomyces. Sp. typ.: *A. pauliani*.
- *—**pauliani** Manier in *Nat. malgache*, 7, p. 89, 1955 in intestine of *Myriapoda-diplopoda*.—Madagascar.
- Angiopsora africana** Cummins in *Bull. Torrey bot. Cl.*, 83, p. 221, 1956 on *Brachiaria decumbens*.—Uganda.
- aurea** Cummins in *Bull. Torrey bot. Cl.*, 83, p. 221, 1956 on *Panicum olivaceum*.—Honduras.
- digitariae** Cummins in *Bull. Torrey bot. Cl.*, 83, p. 222, 1956 on *Digitaria chinensis*.—Formosa.
- Anthostomella ananassicola** Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 72, 1955 on dead leaves of *Ananas*.—Brazil.
- Anthracobia humana** (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 75, 1948. (Syn. *Lachnea humana* Vel.).
- melaloma** (Alb. & Schw. ex Fr.) Boudier forma **combusta** (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 78, 1948. (Syn. *Lachnea melaloma* (Alb. & Schw. ex Fr.) Sacc. var. *combusta* Vel.).
- forma **dubia** (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 78, 1948. (Syn. *Lachnea melaloma* (Alb. & Schw. ex Fr.) Sacc. var. *dubia* Vel.).
- ramosa** (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 74, 1948. (Syn. *Lachnea ramosa* Vel.).
- Apiospora camarae** Lucas in *Agron. lusit.*, 18, p. 111, 1956 on twigs of *Osyris alba*.—Portugal.
- ARACHNOCREA** Moravec in *Bull. Soc. mycol. Fr.*, 72, p. 161, 1956.—Hypocreales: Nectriaceae. Sp. typ.: *A. stipata*.

- [*Arachnocrea*] *citrinella* (Ellis) Moravec in *Bull. Soc. mycol. Fr.*, **72**, p. 165, 1956. (Syn. *Hypocrea citrinella* Ellis).
- *stipata* (Fuckel) Moravec in *Bull. Soc. mycol. Fr.*, **72**, p. 162, 1956. (Syn. *Hypocrea stipata* Fuckel).
- Arctyria carletae* Hertel in *Dusenía*, **5**, p. 120, 1954.—Brazil.
- *fonsecai* Hertel in *Dusenía*, **5**, p. 119, 1954.—Brazil.
- *stellfeldii* Hertel in *Dusenía*, **5**, p. 122, 1954.—Brazil.
- Arnaudiella bancroftii* Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 24, 1956 on leaves of *Eucalyptus*.—Queensland, Australia.
- Arthrimum spegazzinii* Subramanian nom. nov. in *Proc. Indian Acad. Sci. Sect. B*, **44**, p. 124, 1956 on *Saccharum officinarum*.—Argentina. (Syn. *Microtypha saccharicola* Speg., non *Arthrimum saccharicola* Stevens, 1917).
- Ascobolus notatus* Batista & Vital [as 'notata'] in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 61, 1955 on cattle dung.—Brazil.
- Ascochyta sinapis* Rodigin in *Bot. Materp. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 165, 1956 on leaves of *Sinapis alba*.—Bashkir Republic, U.S.S.R.
- * *Asellaria armadillidii* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **15**, p. 377, 1953 in *Armadillidium simoni* subsp. *assimile*.—France.
- * — *gramenei* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **12**, p. 18, 1950 in intestine of *Asellus aquaticus*.—France.
- * — *ligiae* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **12**, p. 18, 1950 in intestine of *Ligia mediterranea*.—France.
- Aspergillus clavatonanicus* Batista, Maia & Alecrim [as 'clavato-nanica'] in *Ann. Fac. Med. Univ. Recife*, **15**, p. 197, 1955 on man.—Brazil.
- * — *niveus* Blochwitz var. *bifidus* Maia & Alecrim [as 'bífida'] in *Ann. Fac. Med. Univ. Recife*, **15**, p. 189, 1955.—Brazil.
- * — *oryzae* (Ahlb.) Cohn var. *microvesiculosus* Ohara in *J. agric. chem. Soc. Japan*, **26**, p. 550, 1952.
- * — var. *tenuis* Ohara in *J. agric. chem. Soc. Japan*, **26**, p. 550, 1952.
- * — var. *variabilis* (Gasp.) Ohara in *J. agric. chem. Soc. Japan*, **26**, p. 550, 1952. [Syn. *Aspergillus variabilis* Gasparini].
- Aspropaxillus candidus* (Bres.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 66, 1953. [Syn. *Clitocybe candida* Bres.].
- Athelia byssinella* (Bourd.) Parker-Rhodes in *Ann. Bot., Lond.*, N.S., **20**, No. 78, p. 258, 1956. [Basonym not cited.]
- *mutabilis* (Pers. ex Fr.) Parker-Rhodes in *Ann. Bot., Lond.*, N.S., **20**, No. 78, p. 258, 1956. [Basonym not cited.]
- Atractium indicum* Chona & Munjal [as 'Attractium'] in *Indian Phytopath.*, **8** (1955), p. 194, 1956 on Scale insects on *Morus alba*.—Bengal, India.
- Auerswaldia robertiana* Chevaugéon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. **28**), p. 22, 1956 on dry branches of *Manihot utilisima*.—Ivory Coast.
- * *Barlaeina rosea* Kirschstein in *Schieferdecker, Die Schlauchpilze der Flora von Hildesheim*, p. 97, 1954 on ground in beech-wood.—Germany.
- * *Belonium flocculum* Kirschstein in *Schieferdecker, Die Schlauchpilze der Flora von Hildesheim*, p. 87, 1954 on bark of Willow [*Salix*].—Germany.
- Bolbitius vitellinus* (Pers. ex Fr.) Fr. var. *fragilis* ([L.] Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 191, 1953. [Syn. *Bolbitius fragilis* [L.] Fr.].
- var. *titubans* (Bull. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 191, 1953. [Syn. *Agaricus titubans* Bull. ex Fr.].
- Botryodiplodia amygdali* (Cooke & Massee) Hansford [nomen provisorium?] in *Proc. Linn. Soc. N.S.W.*, **81**, p. 43, 1956. (Syn. *Dothiorella amygdali* Cooke & Massee).
- Bovista radicata* (Dur. & Mont.) Vasilkov in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **9**, p. 455, 1954. (Syn. *Bovistella radicata* (Dur. & Mont.) Pat. [Lycopodon radiculatum Dur. & Mont.]).
- * *Brettanomyces schanderlii* Peynaud & Domereq in *Arch. Mikrobiol.*, **24**, p. 279, 1956 from wine.—France.
- * — *vini* Peynaud & Domereq in *Arch. Mikrobiol.*, **24**, p. 279, 1956 from wine.—France.
- BROOKSIA** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 32, 1956.—Pseudosphaeriales. Sp. typ.: *B. tropicalis*.
- *tropicalis* Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 33, 1956 on leaves of *Syzygium*.—New Guinea. (Conidia: *Helicosporium hendrickxii* Hansford.)
- Bubakia erythroxyli* Cummins [as 'erythrozylonis'] in *Mycologia*, **48**, p. 601, 1956 on *Erythrozyllum* [*Erythrozyllum*] *havanense*.—Cuba. (*Bubakia erythrozylonis* (Graz.) Cummins, nom. nud. [this Index, **1**, p. 2].)
- Camarops nigricans* Chevaugéon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. **28**), p. 48, 1956 on dead branches of *Manihot utilisima*.—Ivory Coast.
- CAPILLIPES** Santesson in *Friesia*, **5**, p. 390, 1956.—Discomycetes. Sp. typ.: *C. cavorum*.
- *cavorum* Santesson in *Friesia*, **5**, p. 390, 1956 on plant debris.—Swedish Lapland.
- CARBOMYCES** Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 27, 1954.—Tuberales: Terfeziaceae. Sp. typ.: *C. emergens*.
- *emergens* Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 27, 1954 on sandy soil under shrubs.—New Mexico, U.S.A.
- *longii* Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 27, 1954.—New Mexico, U.S.A.
- Cephalosporiopsis asterinicola* Batista & Nascimento apud Batista, Nascimento & Vital in *Publ. Inst. Mic. Univ. Recife*, **33**, p. 4, 1956 on *Parasterina cynophallophorae* on *Capparis cynophallophora*.—Brazil.
- Cephalosporium humicola* (Oud.) Batista & Maia in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 90, 1955. (Syn. *Tilachlidium humicola* Oud.).
- Ceratocystis albidus* (Mathiesen-Käärik) Hunt in *Lloydia*, **19**, p. 48, 1956. (Syn. *Ophiostoma albidum* Mathiesen-Käärik).
- *brunneociliata* (Mathiesen-Käärik) Hunt in *Lloydia*, **19**, p. 32, 1956. (Syn. *Ophiostoma brunneociliatum* Mathiesen-Käärik).
- *clavata* (Mathiesen) Hunt in *Lloydia*, **19**, p. 37, 1956. (Syn. *Ophiostoma clavatum* Mathiesen).

- [*Ceratocystis*] *fagacearum* (Bretz) Hunt in *Lloydia*, 19, p. 21, 1956. (Syn. *Endoconidiophora fagacearum* Bretz).
- *floccosa* (Mathiesen) Hunt in *Lloydia*, 19, p. 36, 1956. (Syn. *Ophiostoma floccosum* Mathiesen).
- *leptographioides* (Davidson) Hunt in *Lloydia*, 19, p. 28, 1956. (Syn. *Ceratostomella leptographioides* Davidson).
- *minor* (Hedge.) Hunt in *Lloydia*, 19, p. 47, 1956. (Syn. *Ceratostomella minor* Hedge.).
- *minuta* (Siem.) Hunt in *Lloydia*, 19, p. 49, 1956. (Syn. *Ophiostoma minutum* Siem.).
- *montium* (Rumb.) Hunt [as 'montia'] in *Lloydia*, 19, p. 45, 1956. (Syn. *Ceratostomella montium* Rumb.).
- *multiannulata* (Hedge. & Davidson) Hunt in *Lloydia*, 19, p. 40, 1956. (Syn. *Ceratostomella multiannulata* Hedge. & Davidson).
- *narcissi* (Limber) Hunt in *Lloydia*, 19, p. 50, 1956. (Syn. *Ophiostoma narcissi* Limber).
- *obscura* (Davidson) Hunt in *Lloydia*, 19, p. 30, 1956. (Syn. *Ceratostomella obscura* Davidson).
- *olivacea* (Mathiesen) Hunt in *Lloydia*, 19, p. 29, 1956. (Syn. *Ophiostoma olivaceum* Mathiesen).
- *perparvispora* Hunt nom. nov. in *Lloydia*, 19, p. 46, 1956. (Syn. *Ceratostomella microspora* Davidson, 1942, non *Ceratostomella microspora* Ell. & Ev., 1893).
- *rostricylindrica* (Davidson) Hunt in *Lloydia*, 19, p. 26, 1956. (Syn. *Ceratostomella rostricylindrica* Davidson).
- *tetropii* (Mathiesen) Hunt in *Lloydia*, 19, p. 45, 1956. (Syn. *Ophiostoma tetropii* Mathiesen).
- Ceratophoma manihoticola* Chevaugéon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 56, 1956 on twigs of *Manihot utilisima*.—West Africa.
- Cercospora abeliae* Katsuki in *Ann. phytopath. Soc. Japan*, 20, p. 71, 1955 on *Abelia chinensis*.—Japan.
- *abeliae* Plakidas in *Mycologia*, 48, p. 384, 1956 on *Abelia grandiflora*.—Louisiana, U.S.A. [See *Cercospora abeliae* Katsuki, 1955, above.]
- *agharkari* Chiddarwar in *Curr. Sci.*, 25, p. 267, 1956 on leaves of *Grevillea robusta*.—Bombay Province, India.
- *dichondrae* Katsuki in *Ann. phytopath. Soc. Japan*, 20, p. 72, 1955 on *Dichondra repens*.—Japan.
- *drymariae* Katsuki in *Ann. phytopath. Soc. Japan*, 20, p. 72, 1955 on *Drymaria cordata*.—Japan.
- *hostae* Hori ex Katsuki in *Ann. phytopath. Soc. Japan*, 20, p. 72, 1955 on *Hosta*.—Japan. (*C. hostae* Hori, nom. nud. in *Ann. phytopath. Soc. Japan*, 1, 4, p. 66, 1921).
- *medicaginicola* Karimov in *Bot. Materep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 129, 1956 on leaves of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- *udagawana* Katsuki in *Ann. phytopath. Soc. Japan*, 20, p. 72, 1955 on *Hovenia dulcis*.—Japan.
- Cercosporella haloragidis* Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 50, 1956 on leaves of *Haloragis*.—South Australia.
- Cercosporidium desmanthi* (Ellis & Kellerm.) Earle ex Dearnness in *Mycologia*, 33, p. 365, 1941. (Syn. *Cercospora condensata* Ellis & Kellerm. var. *desmanthi* Ellis & Kellerm.).
- Cerotelium bauhiniae* Thirumalachar & Yadav in *Indian Phytopath.*, 8 (1955), p. 144, 1956 on leaves of *Bauhinia anguinia*.—Bihar Province, India.
- *kirganelliae* Thirumalachar & Yadav in *Indian Phytopath.*, 8 (1955), p. 145, 1956 on leaves of *Kirganellia reticulata*.—Bihar Province, India.
- Chaconia ingae* (Syd.) Cummins in *Mycologia*, 48, p. 602, 1956. (Syn. *Maravalia ingae* Syd.).
- Chaetomium angustispirale* Sergejeva in *Bot. Materep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 115, 1956 on *Ulmus* wood.—U.S.S.R.
- *crispatoideum* Sergejeva in *Bot. Materep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 110, 1956 on immature fruits of *Tilia* in damp chamber.—Tatar Republic, R.S.F.S.R., U.S.S.R.
- *kurssanovianum* Beliakova in *Bull. Soc. Nat. Moscou*, 59, 6, p. 85, 1954.—? U.S.S.R.
- *perlucidum* Sergejeva in *Bot. Materep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 108, 1956 on dead herbaceous stems in damp chamber.—Ukraine, U.S.S.R.
- *semen-citrulli* Sergejeva in *Bot. Materep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 113, 1956 on fox dung in damp chamber.—Turkmenistan, U.S.S.R.
- CHAETOPSINA* Rambelli in *R. C. Accad. Bologna, (Fis.)*, 3, p. 5, 1956.—Moniliales. Sp. typ.: *C. fulva*.
- *fulva* Rambelli in *R. C. Accad. Bologna, (Fis.)*, 3, p. 5, 1956 on fallen leaves of *Cedrus deodara*, *Laurus nobilis*, *Quercus* and *Carpinus*.—Italy.
- CHAETOSCORIAS* Yamamoto in *Papers Dedicated to Prof. Y. Tochikai and Prof. T. Fukushima in Commemoration of their Sixtieth Birthdays*, p. 56, 1955.—Capnodiaceae.
- Chaetothyrium womersleyi* Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 23, 1956 on leaves of *Syzygium*.—New Guinea.
- * *CHAINIA* Thirumalachar in *Nature, Lond.*, 176, 4489, p. 935, 1955.—Actinomycetales. Sp. typ.: *C. antibiotica*.
- * — *antibiotica* Thirumalachar in *Nature, Lond.*, 176, 4489, pp. 934 and 935, 1955 from soil.—India.
- Choiromyces cookei* Gilkey in *N. Amer. Flora, Ser. II, Pt 1*, p. 17, 1954 in forest soil.—Washington, D.C., U.S.A.
- Chrysomyxa empetri* Schroeter ex Cummins in *Mycologia*, 48, p. 602, 1956 on *Empetrum nigrum*.—Norway.
- *piperiana* Saccardo & Trotter ex Cummins in *Mycologia*, 48, p. 602, 1956 on *Rhododendron macrophyllum*.—California, U.S.A.
- * *Chytrella argentea* Kirschstein in *Schieferdecker, Die Schlauchpilze der Flora von Hildesheim*, p. 86, 1954 on dead wood.—Germany.
- Cladochytrium aurantiacum* Richards in *Trans. Brit. mycol. Soc.*, 39, p. 264, 1956 in fragments of leaves, stems and roots of *Avena* and *Triticum*.—Wales.
- Cladorrhinum maiae* Batista apud Batista & Maia in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 87, 1955 from the air.—Brazil.
- Cladosporium boenninghauseniae* Togashi & Katsuki apud Katsuki in *Kyushu Agr. Res.*, 8, p. 84, 1951 on leaves of *Boenninghausenia albiflora*.—Japan.

- [*Cladosporium*] *gougerotii* (Matruchot) Carrión & Silva in *Arch. Derm., Amer. Med. Ass.*, **72**, p. 532, 1955. (Syn. *Sporotrichum gougerotii* Matruchot).
- Clavaria amoenoides* Corner, Thind & Anand in *Trans. Brit. mycol. Soc.*, **39**, p. 483, 1956 on soil in pine-oak forest.—North-West Himalayas, India.
- Clavulina bessonii* (Pat.) Corner var. *incarnata* Thind & Anand in *J. Indian bot. Soc.*, **35**, p. 178, 1956 among mosses under oak forest.—United Provinces, India.
- hispidulosa* Corner, Thind & Anand in *Trans. Brit. mycol. Soc.*, **39**, p. 481, 1956 on humus-soil in oak forest.—North-West Himalayas, India.
- Clavulinopsis bififormis* (Atk.) Corner var. *elongata* Thind & Anand in *J. Indian bot. Soc.*, **35**, p. 174, 1956 under oak forest.—United Provinces, India.
- septentrionalis* Corner in *Friesia*, **5**, p. 218, 1956 on soil in pine-wood.—Sweden.
- Clitocybe lepidostoides* (Maire) Konrad & Maublanc, *Les Agaricales: Agaricaceae* (*Encycl. Mycol.* 14), (1948), p. 395, 1949. (Syn. *Tricholoma lepidostoides* Maire). [This antedates the combination by Pilát: this *Index*, **2**, p. 99.]
- leucophylla* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 50, 1953. [Syn. *Agaricus leucophyllus* Fr.].
- martiorum* Favre in *Schweiz. Z. Pilzk.*, **34**, p. 170, 1956 in Picetum, among moss.—Switzerland.
- Coccomyces martiniae* Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 40, 1956 on leaves of *Eucalyptus*.—Victoria, Australia.
- **Coelomomyces tasmaniensis* Laird in *J. Parasit.*, **42**, p. 55, 1956 in *Aedes* (*Pseudoskusea*) *australis*.—Tasmania.
- Coleophoma tylophorae* Y. Morimoto (this *Index*, **2**, p. 265). See *Coleosporium tylophorae* below.
- Coleosporium eupatorii* Arthur ex Cummins in *Mycologia*, **48**, p. 603, 1956 on *Eupatorium lindleyanum*.—China.
- tylophorae* Y. Morimoto in *J. Jap. Bot.*, **31**, p. 39, 1956 on leaves of *Tylophora japonica*.—Japan. [Listed in error as *Coleophoma tylophorae*, this *Index*, **2**, p. 265.]
- Coleroa crepidis* Togashi & Katsuki apud Katsuki in *Kyushu Agr. Res.*, **9**, p. 7, 1952 on leaves of *Crepis japonica*.—Japan.
- Colletotrichum gloeosporioides* Penz. forma specialis *manihotis* Chevaugéon ['f. nov.'], *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (*Encycl. Mycol.* 28), p. 78, 1956 on leaves, petioles, twigs, stems and fruit of *Manihot utilisissima*, *M. glaziovii*, *Jatropha multifida*, *J. curcas*, and on fruit of *Carica papaya*. [Latin diagnosis.]
- quercinum* Săvulescu & Negru (this *Index*, **2**, p. 231) was first published, with Latin diagnosis, in *Bull. stiint. Acad. române*, **5**, p. 421, 1953.
- servazzii* Gallucci-Rangone in *Ann. Sper. agr.*, N.S., **9**, 3, Suppl., p. xiv, 1955 on leaves of *Cattleya*.—Italy.
- **Collybia carneicolor* Romain in *Rev. Mycol.*, Paris, **21**, p. 62, 1952 under conifers.—France.
- Conocybe ochracea* (Kühner) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 444, 1950. (Syn. *Conocybe siliginea* (Fr.) Kühner var. *ochracea* Kühner). [This antedates the combination by Kühner & Romagnesi: this *Index*, **2**, p. 232.]
- rabenhorstii* (Fr.) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 445, 1950. (Syn. *Agaricus rabenhorstii* Fr.).
- Cordana gilbertiae* Togashi & Katsuki apud Katsuki in *Kyushu Agr. Res.*, **7**, November, 1950 on leaves of *Gilbertia trifida*.—Japan. [Pages of separate not numbered.]
- Corticium salicicola* M. P. Christiansen in *Friesia*, **5**, p. 209, 1956 on bark of *Salix virens*.—Denmark.
- **Cortinariaceae caeruleo-griseus* Romain [as '*Cortinarius* (*Inoloma*) *caeruleo-griseus*'] in *Cah. Nat.*, N.S., **11**, p. 26, 1955.—France.
- citrinophyllus* Piane [as '*Cortinarius* (= *Inoloma* ss larg. = *Dermocybe* ss rest.) *citrinophyllus*'] in *Bull. Soc. mycol. Fr.*, **72**, Fasc. 2, Text to Atlas, Pl. CVIII, 1956 in mixed forest.—France.
- conicus* (Vel.) Henry [as '*Cortinarius* (*Telamonia*) *conicus*'] in *Bull. Soc. mycol. Fr.*, **57** (1941), p. 21, 1942. (Syn. *Telamonia conica* Vel.).
- crassifolius* (Vel.) Kühner & Romagnesi, *Flore Analytique des Champignons Supérieurs*, p. 309, 1953. [Syn. *Hydrocybe crassifolia* Vel.].
- hemitrichus* (Pers. ex Fr.) Fr. var. *paludosus* (Vel.) Kühner & Romagnesi, *Flore Analytique des Champignons Supérieurs*, p. 308, 1953. [Syn. *Telamonia paludosa* Vel.].
- olivascens* (Vel.) Henry [as '*Cortinarius* (*Telamonia*) *olivascens*'] in *Bull. Soc. mycol. Fr.*, **57** (1941), p. 24, 1942. (Syn. *Telamonia olivascens* Vel.).
- *—*traganus* (Fr.) Fr. var. *formica-olens* Romain in *Cah. Nat.*, N.S., **11**, p. 33, 1955.—France.
- umbonatus* (Vel.) Henry [as '*Cortinarius* (*Hydrocybe*) *umbonatus*'] in *Bull. Soc. mycol. Fr.*, **62** (1946), p. 217, 1947. (Syn. *Hydrocybe umbonata* Vel.).
- vulpinus* (Vel.) Henry [as '*Cortinarius* (*Leprodium*) *vulpinus*'] in *Bull. Soc. mycol. Fr.*, **62** (1946), p. 207, 1947. (Syn. *Inoloma vulpina* Vel.).
- Cronartium fusiforme* Hedgcock & Hunt ex Cummins in *Mycologia*, **48**, p. 603, 1956 on *Quercus nigra*.—Florida, U.S.A.
- Crossopora angusta* Jørdst in *Ark. Bot.*, Ser. 2, p. 448, 1956 on *Echites sulphurea*.—Brazil.
- CRYPTOCOLAX** R. A. Scott in *Amer. J. Bot.*, **43**, p. 589, 1956.—Fossil fungi: Aspergillaceae. [English diagnosis.] Sp. typ.: *C. clarnensis*.
- clarnensis* R. A. Scott in *Amer. J. Bot.*, **43**, pp. 589 and 590 (Fig.), 1956 in fossil dicotyledonous wood (Fagaceae: *Castanopsis*?) in Clarno formation of (? middle) Eocene Age.—Oregon, U.S.A. [English diagnosis, with figure.]
- parvula* R. A. Scott in *Amer. J. Bot.*, **43**, p. 590 (Fig.) and p. 591, 1956 in fossil dicotyledonous wood (Magnoliaceae: *Magnolia*?) in Clarno formation of (? middle) Eocene Age.—Oregon, U.S.A. [English diagnosis, with figure.]
- Cryptocoryneae neolitsea** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 51, 1956 on leaves of *Neolitsea dealbata*.—Queensland, Australia.

- Cryptostictis daviesiae** (McAlpine) Subramanian & K. Ramakrishnan in *J. Indian bot. Soc.*, **35**, p. 227, 1956. (Syn. *Amphichaeta daviesiae* McAlpine).
- **grevilleae** (Loos) Subramanian & K. Ramakrishnan in *J. Indian bot. Soc.*, **35**, p. 231, 1956. (Syn. *Amphichaeta grevilleae* Loos).
- **kennedyae** (McAlpine) Subramanian & K. Ramakrishnan in *J. Indian bot. Soc.*, **35**, p. 229, 1956. (Syn. *Amphichaeta kennedyae* McAlpine).
- **macalpinei** Subramanian & K. Ramakrishnan [as 'macalpineae'] in *J. Indian bot. Soc.*, **35**, p. 231, 1956 on leaves of *Hardenbergia monophylla*.—Victoria, Australia.
- Curvularia trifolii** (Kauffm.) Boedijn forma specialis **gladioli** Parmelee & Luttrell apud Parmelee in *Mycologia*, **48**, p. 566, 1956 from *Gladiolus*.—Canada. [English diagnosis.]
- Cylindrosporium andropogonis** Sprague & Rogerson [as 'andropogoni'] apud Sprague in *Mycologia*, **48**, p. 741, 1956 on leaves of *Andropogon gerardi*.—Kansas, U.S.A.
- **samueli** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 46, 1956 on leaves of *Eucalyptus*.—South Australia.
- ***DALOALA** Tuzet, Manier & Vogeli-Zuber in *Bull. Inst. franç. Afr. noire*, **14**, p. 1147, 1952.—Trichomycetes. Sp. typ.: *D. mardonii*.
- *— **mardonii** Tuzet, Manier & Vogeli-Zuber in *Bull. Inst. franç. Afr. noire*, **14**, p. 1147, 1952 on *Mardonius piceus*.—Ivory Coast.
- Debaryomyces fluxorum** Phaff & Knapp in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 127, 1956 from slime fluxes of *Quercus kelloggii* and *Abies concolor*.—California, U.S.A.
- **toletanus** Socias, Ramirez & Peláez in *Microbiol. esp.*, **7**, 2, p. 113, 1954 from leather tanned with oak-bark extract.—Spain.
- Dendrodochium parasiticum** Chevaugéon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 100, 1956 on *Lasiodiplodia theobromae* on *Manihot utilisima*.—Ivory Coast.
- DENSOCARPA** Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 15, 1954.—Tuberales: Tuberales. Sp. typ.: *D. shanori*.
- **shanori** Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 16, 1954 in lawns.—Illinois, U.S.A.
- Diaporthe phaseolorum** (Cooke & Ell.) Sacc. var. **caulivora** Athow & Caldwell in *Phytopathology*, **44**, p. 323, 1954 on stems of *Glycine max*.—Indiana, U.S.A.
- Diatrypella borassi** Chona & Munjal in *Indian Phytopath.*, **8** (1955), p. 184, 1956 on dead leaf stalks of *Borassus flabellifer*.—Punjab, India.
- **ivorensis** Chevaugéon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 41, 1956 on dead branches of *Manihot utilisima*.—Ivory Coast.
- Dictyocephalos strobilinus** (Kalchbr.) Vasilkov in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **9**, p. 451, 1954. (Syn. *Phellorinia strobilina* Kalchbr.).
- Dictyostelium polycephalum** Raper in *J. gen. Microbiol.*, **14**, p. 717, 1956 from decaying leaves and surface soil in deciduous forests.—U.S.A.
- Didymaria acervulicola** Batista & Nascimento apud Batista, Nascimento & Vital in *Publ. Inst. Mic. Univ. Recife*, **33**, p. 4, 1956 on *Gloeotrichola anthuricola* on *Anthurium*.—Brazil.
- Didymella erumpens** (Cooke) Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 27, 1956. (Syn. *Zignella erumpens* Cooke [quoad asci et ascospore]).
- Didymobotryopsis isingii** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 50, 1956 on dead twigs of *Viburnum opulus*.—South Australia.
- Dimeriella hygrometrica** Chevaugéon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 31, 1956 on dead twigs of *Manihot utilisima*.—Ivory Coast.
- Diorchidium digitariae** Ahmad in *Biologia*, **2**, p. 31, 1956 on leaves of *Digitaria bicornis*.—West Pakistan.
- Diplodia acaciaram** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 42, 1956 on dead twigs of *Acacia decurrens*.—South Australia.
- Diplodina consocians** Karimov in *Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 126, 1956 on old stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- **medicaginicola** Karimov in *Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 126, 1956 on dry stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- **samararum** (Desm.) Nevodovsky, Грибы СССР (*Fungi of the U.S.S.R.*), Fasc. 1, No. 14, 1953. (Syn. *Phoma samararum* Desm.).
- Discosiella vochysiae** Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 38, 1955 on leaves of *Vochysia oblongifolia*.—Brazil.
- Dothiorella banksiae** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 43, 1956 on leaves of *Banksia integrifolia*.—Victoria, Australia.
- Duportella schomburgkii** (Berk.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, **77** (1952), p. 292, 1953. (Syn. *Stereum schomburgkii* Berk.).
- Eidamella deflexa** (Berkeley) R. K. Benjamin in *El Aliso*, **3**, p. 313, 1956. (Syn. *Myrotrichum deflexum* Berkeley).
- Elsinoe tilliae** Creelman in *Mycologia*, **48**, p. 555, 1956 on *Tilia europaea*.—Nova Scotia, Canada.
- Endomycopsis balearica** Socias, Ramirez & Genestar in *Microbiol. esp.*, **7**, 2, p. 109, 1954 from extract of oak-bark tannin.—Majorca, Spain.
- Endophyllum lacus-regis** Savile & Parmelee in *Mycologia*, **48**, p. 577, 1956 on *Claytonia caroliniana*.—Quebec Province, Canada.
- Englerulella homalanthi** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 26, 1956 on leaves of *Homalanthus populifolius*.—Queensland, Australia.
- ***Enterobryus bresiliens** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **13**, p. 147, 1951 in intestine of *Leptodesmus jucundus*.—Brazil.
- *— **sao-pauloi** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **13**, p. 146, 1951 in intestine of *Leptodesmus gasparae*.—Brazil.
- *— **schubarti** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **13**, p. 145, 1951 in intestine of *Leptodesmus vagans*.—Brazil.
- Epithele fulva** G. H. Cunningham in *Trans. roy. Soc. N.Z.*, **83**, p. 631, 1956 on decorticated rotting wood, rarely on bark.—New Zealand.

- [*Epithele*] *nikau* G. H. Cunningham in *Trans. roy. Soc. N.Z.*, **83**, p. 629, 1956 on dead stipes of *Rhopalostylis sapida*.—New Zealand.
- Eriomycopsis biseptata* Chevaugon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 81, 1956 on *Irenina entebbeensis* on *Manihot utilisima*.—Ivory Coast.
- Eudimeriolium neolitseae* Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 27, 1956 on leaves of *Neolitsea dealbata*.—Queensland, Australia.
- **Flammula myosotis* (Fr.) Singer forma *castanea* Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 422, 1950.—U.S.S.R.
- FULVIA* Ciferri in *Atti Ist. bot. Univ. Pavia*, Ser. 5, **10**, p. 246, 1954.—Moniliales. Sp. typ.: *F. fulva*.
- fulva* (Cooke) Ciferri in *Atti Ist. bot. Univ. Pavia*, Ser. 5, **10**, p. 246, 1954. (Syn. *Cladosporium fulvum* Cooke).
- Fusarium oxysporum* (Schlecht.) Snyder & Hansen forma *cucumerinum* Owen in *Phytopathology*, **46**, p. 156, 1956 on *Cucumis sativus*.—Florida, U.S.A.
- vasinfectum* Atk. var. *perniciosum* (Hept.) Carrera in *Rev. Fac. Agron. B. Aires*, **13**, 3 (1954), p. 483, 1955. (Syn. *Fusarium perniciosum* Hepting).
- Galerina cedretorum* (Maire) Singer (this *Index*, **2**, p. 78). Combination earlier made by Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 470, 1950.
- macrospora* (Velen.) Singer (this *Index*, **2**, p. 78). Combination earlier made by Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 473, 1950.
- *—*mycenoides* (Fr.) Kühner forma *mamilata* Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS Pl. Crypt.*, Ser. II, **6**, p. 480, 1950.—U.S.S.R.
- *—*nana* (Petri) Kühner forma *leningradensis* Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 467, 1950.—U.S.S.R.
- tenuissima* (Weinm.) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 481, 1950. (Syn. *Agaricus tenuissimus* Weinm.).
- Galeropsis bispora* Vasilkov in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **9**, p. 463, 1954.—U.S.S.R.
- Ganoderma lucidum* (Lays.) Karst. forma *naiaae* Chona & Munjal in *Indian Phytopath.*, **8** (1955), p. 189, 1956 in humus on ground.—Punjab, India.
- **Genistella chironomi* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **15**, p. 386, 1953 in larva of Chironomid.—France.
- *—*choanifera* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **15**, p. 382, 1953 in larvae of *Chironomus plumosus*.—France.
- *—*mailleti* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **17**, p. 70, 1955 in larvae of *Boetis bioculatus*.—France.
- *—*rhitrogenae* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **17**, p. 68, 1955 in larvae of *Rhitrogena alpestris*.—France.
- Gloeosporiella eucalypti* Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 46, 1956 on leaves of *Eucalyptus*.—South Australia. (Conidial *Pseudopeziza eucalypti* Hansford.)
- Gloeosporium corylinum* Rodigin in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 166, 1956 on leaves of *Corylus avellana*.—Bashkir Republic, U.S.S.R.
- geranii* Săvulescu & Negru in *Bull. stiint. Acad. române*, **5**, p. 419, 1953 on leaves of *Geranium macrorrhizum*.—Rumania.
- GLOEOTROMERA** Ervin in *Mycologia*, **48**, p. 692, 1956.—Tremellaceae. Sp. typ.: *G. alba*.
- alba* (Lloyd) Ervin in *Mycologia*, **48**, p. 692, 1956. (Syn. *Exidiopsis alba* Lloyd).
- pululahuana* (Pat.) Ervin in *Mycologia*, **48**, p. 692, 1956. (Syn. *Tremella pululahuana* Pat.).
- Glomerella alstoniae* Chona & Munjal in *Indian Phytopath.*, **8** (1955), p. 185, 1956 on dead twigs of *Alstonia scholaris*.—Delhi Province, India.
- cingulata* (Stonem.) Spauld. & v. Schrenk. forma *specialis manihotis* Chevaugon ['f. nov.'], *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 38, 1956 on stems of *Manihot utilisima*.—Ivory Coast. [Latin diagnosis.]
- **Glottzia grassei* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **17**, p. 60, 1955 in intestine of larvae of *Simulium equinum*.—France.
- Gongronella butleri* (Lendner) Picci in *Atti Ist. bot. Univ. Pavia*, Ser. 5, **13** (1955), p. 38, 1956. (Syn. *Absidia butleri* Lendner). [Combination already made by Peyronel & Dal Vesco, 1955 (this *Index*, **2**, p. 237).]
- Graphium hendersonulae* Chevaugon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 87, 1956 on *Hendersonula toruloidea* on *Manihot utilisima*.—Ivory Coast.
- Gymnopilus limulatus* (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 150, 1953. [Syn. *Agaricus limulatus* Fr.].
- Gymnosporangium hyalinum* Kern ex Cummins in *Mycologia*, **48**, p. 603, 1956 on *Chamaecyparis thyoides*.—Florida, U.S.A.
- Halophiobolus purpureus* I. M. Wilson in *Trans. Brit. mycol. Soc.*, **39**, p. 403, 1956 on wood or rope submerged in the sea.—Wales.
- rufus* I. M. Wilson in *Trans. Brit. mycol. Soc.*, **39**, p. 405, 1956 on wood submerged in the sea.—Wales.
- Hapalophragmium deightonii* Cummins in *Bull. Torrey bot. Cl.*, **83**, p. 222, 1956 on *Milletia barteri*.—Sierra Leone.
- **Harpella melusinae* Léger & Duboseq var. *eyziesi* Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **17**, p. 58, 1955 in intestine of larvae of *Simulium equinum*.—France.
- Helicosporium ramosum* Talbot (this *Index*, **2**, p. 272) is a later homonym of *Helicosporium ramosum* (Berk. & Smith) Masee, 1893.
- Helotium boreale* (Linder) Mains in *Mycologia*, **48**, p. 415, 1956. (Syn. *Cudoniella borealis* Linder).
- *—*lacteolum* Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 91, 1954 on wood chips and rotting beech leaves.—Germany.
- HEPTASTER** Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, **46**, p. 3, 1956.—Moniliales: Dematiaceae. Sp. typ.: *H. hughesii*.

- [**Heptaster**] *hughesii* Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, 46, p. 3, 1956 on leaves of *Heliconia bihai*.—Brazil.
- macroradiatus** Ciferri, Batista & Nascimento [as '*macroradiata*'] in *Publ. Inst. Mic. Univ. Recife*, 46, p. 4, 1956 on leaves of *Jambosa malaccensis*.—Brazil.
- Hericium nodulosum** (Pers. ex Fr.) Nikolaeva in *J. Bot. U.S.S.R. (Bot. Zh. S.S.S.R.)*, 41, p. 993, 1956. [Basonym not cited: ? first publication.]
- ptychogasteroides** Nikolaeva in *J. Bot. U.S.S.R. (Bot. Zh. S.S.S.R.)*, 41, p. 999, 1956 on dead wood (? *Quercus*).—Maritime Territory, U.S.S.R.
- Heterosporium luci** Chevaugnon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale (Encycl. Mycol. 28)*, p. 94, 1956 on branches of *Manihot utilisima*, *Crotalaria retusa* and *Citrus*.—Senegal, Ivory Coast and Oubangui.
- medicaginis** Karimov in *Bot. Mater. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 129, 1956 on leaves of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- Hohenbuehelia longipes** (Boud.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, Iib, p. 85, 1955. (Syn. *Pleurotus longipes* Boud.).
- ***HORMOCOCCUS** Robak in *Friesia*, 5, p. 379, 1956.—Sphaeropsidales. Sp. typ.: *H. conorum*.
- conorum** (Sacc. & Roum.) Robak in *Friesia*, 5, p. 379, 1956. (Syn. *Sirococcus conorum* Sacc. & Roum.).
- ***Humaria aurea** Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 99, 1954 on branches of broad-leaved tree.—Germany.
- *—**schieferdeckeriana** Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 99, 1954 on branch of broad-leaved tree.—Germany.
- Hyalopora orientalis** Chona & Munjal in *Indian Phytopath.*, 8 (1955), p. 188, 1956 on leaves of *Adiantum*.—Punjab, India.
- Hydnellum compactum** (Pers. ex Fr.) Nikolaeva in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, 9, p. 471, 1954. (Syn. *Hydnum compactum* Pers. ex Fr.). [Combination already made by Karsten in *Medd. Soc. Faun. Fl. Fenn.*, 5, p. 41, 1879.]
- mirabile** (Fr.) Nikolaeva in *Acta Inst. bot. Komarov. Acad. sci. URSS, Pl. Crypt.*, Ser. II, 9, p. 481, 1954. (Syn. *Hydnum mirabile* Fr.). [Combination already made by Karsten, 1879: see also this *Index*, 2, p. 57.]
- Hydrocybe armillata** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 159, 1953. [Syn. *Agaricus armillatus* Fr.].
- bibula** (Qué.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 159, 1953. (Syn. *Cortinarius bibulus* Qué.).
- bicolor** (Cke.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. (Syn. *Cortinarius bicolor* Cooke).
- biformis** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 165, 1953. (Syn. *Cortinarius biformis* Fr.).
- bivela** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 164, 1953. [Syn. *Agaricus bivellus* Fr.].
- bovina** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. (Syn. *Cortinarius bovinus* Fr.).
- brunnea** (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. [Syn. *Agaricus brunneus* Pers. ex Fr.].
- brunneofulva** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. (Syn. *Cortinarius brunneofulvus* Fr.).
- bulbosa** (Fr.) Moser, in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. [Syn. *Agaricus bulbosus* Fr.].
- camura** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 164, 1953. (Syn. *Cortinarius camurus* Fr.).
- cookei** (Qué.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 160, 1953. (Syn. *Cortinarius cookei* Qué.).
- deceptiva** (Kaufm.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. (Syn. *Cortinarius deceptivus* Kaufm.).
- decumbens** (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. [Syn. *Agaricus decumbens* Pers. ex Fr.].
- divulgata** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, Iib, p. 183, 1955. (Syn. *Cortinarius divulgatus* Britz.).
- evernia** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. [Syn. *Agaricus evernius* Fr.].
- firma** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 164, 1953. (Syn. *Cortinarius firmus* Fr.).
- flexipes** (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. [Syn. *Agaricus flexipes* Pers. ex Fr.].
- glandicolor** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. [Syn. *Agaricus gentilis* Fr. β *glandicolor* Fr.].
- helvelloides** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 160, 1953. [Syn. *Agaricus gentilis* Fr. γ *helvelloides* Fr.].
- helvola** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. (Syn. *Cortinarius helvolus* Fr.).
- hemitricha** (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. [Syn. *Agaricus hemitrichus* Pers. ex Fr.].
- heterospora** (Bres.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. (Syn. *Cortinarius heterosporus* Bres.).
- hinnulea** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 167, 1953. (Syn. *Cortinarius hinnuleus* Fr.).
- hoefitii** (Weinm.) Moser [as '(Fr.)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 166, 1953. [Syn. *Agaricus hoefitii* Weinm.].
- iliopodia** (Bull. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. [Syn. *Agaricus iliopodius* Bull. ex Fr.].
- impennisi** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*,

- II, p. 162, 1953. (Syn. *Cortinarius impennis* Fr.).
- [**Hydrocybe**] **incisa** (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. [Syn. *Agaricus incisus* Pers. ex Fr.].
- **lanigera** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. (Syn. *Cortinarius laniger* Fr.).
- **licinipes** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 165, 1953. (Syn. *Cortinarius licinipes* Fr.).
- **lucorum** (Fr.) Moser [as '(Fr. ex Lge.)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 162, 1953. (Syn. *Cortinarius lucorum* Fr.).
- **macropus** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. [Syn. *Agaricus macropus* Fr.].
- **melleopallens** (Fr.) Moser [as '(Fr. ex Lge.)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 164, 1953. (Syn. *Cortinarius melleopallens* Fr.).
- **multivaga** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 190, 1955. (Syn. *Cortinarius multivaga* Britz.).
- **paleacea** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. (Syn. *Cortinarius paleaceus* Fr.).
- **paragaudis** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 159, 1953. (Syn. *Cortinarius paragaudis* Fr.).
- **plumigera** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. (Syn. *Cortinarius plumiger* Fr.).
- **psammocephala** (Bull. ex Mérat) Moser [as '(Bull. ex Fr.)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. [Syn. *Agaricus psammocephalus* Bull. ex Mérat].
- **quadricolor** ([Scop.] Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 160, 1953. (Syn. *Cortinarius quadricolor* [Scop.] Fr.).
- **riculata** (Fr.) Moser [as '(Fr. ss. Ri.)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 165, 1953. (Syn. *Cortinarius riculatus* Fr.).
- **rigida** (Scop. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 168, 1953. [Syn. *Agaricus rigidus* Scop. ex Fr.].
- **sciophylla** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 162, 1953. (Syn. *Cortinarius sciophyllus* Fr.).
- **scutulata** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. [Syn. *Agaricus scutulatus* Fr.].
- **stemma** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. (Syn. *Cortinarius stemmatus* Fr.).
- **torva** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 162, 1953. [Syn. *Agaricus torvus* Fr.].
- **triformis** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 164, 1953. (Syn. *Cortinarius triformis* Fr.).
- **umidicola** (Kauffm.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 186, 1955. (Syn. *Cortinarius humidicola* Kauffm.).
- **urbica** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 163, 1953. [Syn. *Agaricus urbicus* Fr.].
- **vilior** (Karst.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 161, 1953. [Syn. *Cortinarius imbutus* Fr. var. *vilior* Karst.].
- HYDROPS** (Kühner) Singer in *Pap. Mich. Acad. Sci.*, **32** (1946), p. 127, 1948. (Syn. *Mycena* sect. *Hydrops* Kühner, *Le Genre Mycena* (Encycl. Mycol. 10), p. 531, 1938, without diagnosis). Sp. typ.: *H. fuliginarius*. [Genus first proposed by Singer, without Latin diagnosis, in *Lloydia*, **5**, p. 129, 1942.]
- **fuliginarius** (Batsch ex Weimm.) Singer [as '(Batsch ex Fr.)'] in *Pap. Mich. Acad. Sci.*, **32** (1946), p. 127, 1948. (Syn. *Agaricus plezipes* b. *fuliginarius* Batsch ex Weimm.). [Combination invalidly proposed, 1943 (this *Index*, **1**, p. 89).]
- Hygrocybe glutinipes** (Lange) von Haller in *Schweiz. Z. Pilzk.*, **34**, p. 179, 1956. (Syn. *Hygrocybe citrina* (Rea) Lange var. *glutinipes* Lange).
- **intermedia** (Pass.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 37, 1953. [Syn. *Hygrophorus intermedium* Pass.].
- **irrigata** (Pers. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 45, 1955. [Syn. *Agaricus irrigatus* Pers. ex Fr.].
- **metapodia** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 37, 1953. [Syn. *Agaricus metapodius* Fr.].
- **nitiosa** (Blytt) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 37, 1953. [Syn. *Hygrophorus nitiosus* Blytt].
- Hygrophorus acutoconicus** (Clements) A. H. Smith forma *japonicus* Hongo in *J. Jap. Bot.*, **31**, p. 145, 1956 on ground in forest.—Japan.
- **turundus** Fr. var. *macrosporus* Hongo in *J. Jap. Bot.*, **31**, p. 144, 1956 among *Sphagnum cymbifolium*.—Japan.
- Hymenogaster calosporus** Tul. var. *leptaleosporus* Soehner in *Hedwigia*, **81**, p. 154, 1943.—Germany.
- Hypocrea atrogelatinosa** Dingley in *Trans. roy. Soc. N.Z.*, **83**, p. 645, 1956.—New Zealand.
- **egmontensis** Dingley in *Trans. roy. Soc. N.Z.*, **83**, p. 647, 1956.—New Zealand.
- Hysteroglyphium depressum** (Wint.) Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 37, 1956. (Syn. *Hysteroglyphium hiascens* Rehm subsp. *macrum* Sacc. & Berl. var. *depressum* Wint.).
- IDRIELLA** Nelson & Wilhelm in *Mycologia*, **48**, p. 550, 1956.—Moniliales: Dematiaceae. Sp. typ.: *I. lunata*.
- **lunata** Nelson & Wilhelm in *Mycologia*, **48**, p. 550, 1956 from root of *Fragaria chiloensis* var. *ananassae*.—California, U.S.A.
- Inocybe ammophila** Hongo & Matsuda in

- J. Jap. Bot.*, **31**, p. 198, 1956 on sandy soil among mosses under *Pinus thunbergii*.—Japan.
- ***[Inocybe] amygdalispora** Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 129, 1956.—? France.
- *—**brevicystis** Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 126, 1956.—France.
- *—**citrinifolia** Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 128, 1956.—? France.
- *—**griseobrunnea** Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 124, 1956 in conifer-wood.—? France.
- *—**ovoideicystis** Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 127, 1956.—Switzerland.
- *—**pseudoconfusa** Métrod in *Bull. Soc. mycol. Fr.*, **72**, p. 123, 1956 in fir-wood.—France.
- Irenopsis cappadicola** Batista & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 120, 1955 on leaves of *Capparis cynophallophora*.—Brazil.
- var. **opposita** Batista & Maia apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, **25**, p. 3, 1956 on leaves of *Capparis cynophallophora*.—Brazil.
- lagerstroemiae** Batista & Nascimento apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, **25**, p. 5, 1956 on leaves of *Lagerstroemia indica*.—Brazil.
- Kernia bartlettii** (Mass. & Sal.) R. K. Benjamin in *El Aliso*, **3**, p. 344, 1956. (Syn. *Magnusia bartlettii* Mass. & Sal.).
- brachytricha** (Ames) R. K. Benjamin in *El Aliso*, **3**, p. 344, 1956. (Syn. *Magnusia brachytricha* Ames).
- spirotricha** (Benjamin) R. K. Benjamin in *El Aliso*, **3**, p. 344, 1956. (Syn. *Magnusia spirotricha* Benjamin).
- Krombolzia aurantiaca** (Roques) Gilb. forma **arctica** (Lebed.) Vassilkov in *Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 138, 1956. (Syn. *Boletus versipellis* Fr. var. *arcticus* Lebed.).
- forma **duriuscula** (Schulz.) Vassilkov in *Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 138, 1956. (Syn. *Boletus duriusculus* Schulz.).
- forma **intermedia** Vassilkov in *Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 138, 1956.—Mari Republic, R.S.F.S.R., U.S.S.R.
- forma **percandida** (Vassilk.) Vassilkov in *Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 139, 1956. (Syn. *Boletus percandidus* Vassilkov.).
- forma **quercina** (Pilat) Vassilkov in *Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 138, 1956. (Syn. *Krombolzia rufescens* (Konrad) Sing. var. *quercina* Pilat).
- forma **rufescens** (Konr.) Vassilkov in *Bot. Matep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 137, 1956. (Syn. *Boletus rufescens* Konrad).
- ***Lachnea cookei** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 43, 1948 [as 'nom. nov.' for *L. vitellina* sensu Cooke, Rehm, Grellet and others, non *L. vitellina* (Pers. ex Fr.) Phillips].
- erinaceus** (Schw. ex Fr.) Sacc. var. **furcata** (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 38, 1948. (Syn. *Lachnea furcata* Vel.).
- gregaria** (Rehm) Phillips forma **ferruginea** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 41, 1948.—Czechoslovakia.
- forma **longisetosa** (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 42, 1948. (Syn. *Lachnea longisetosa* Vel.).
- forma **nigrella** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 41, 1948.—Czechoslovakia.
- forma **obtusipilosa** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 42, 1948.—Czechoslovakia.
- hemisphaerica** (Wigg. ex Fr.) Gillet forma **infusoria** (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 50, 1948. (Syn. *Lachnea hemisphaerica* (Wigg. ex Fr.) Gillet var. *infusoria* Vel.).
- hemisphaeroides** Mouton var. **tenuipilosa** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 26, 1948 on charcoal.—Czechoslovakia.
- iuliana** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 34, 1948.—Czechoslovakia.
- macrospora** Svrček nom. nov. in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 50, 1948. (Syn. *Lachnea livida* Velenovsky, 1922, non *L. livida* (Schum. ex Fr.) Rehm, 1895).
- moravica** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 39, 1948.—Czechoslovakia.
- pseudoampezzana** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 29, 1948 among mosses on calcareous stones in warm groves.—Czechoslovakia.
- scutellata** (Linn. ex Fr.) Gillet var. **subaurantiaca** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 54, 1948 in marshy meadow in a wood, in tussocks of *Carex gracilis*.—Czechoslovakia.
- forma **bulbopilosa** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 54, 1948 on calcareous soil.—Czechoslovakia.
- setosa** (Nees ex Fr.) Gillet var. **gintlilii** (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 47, 1948. (Syn. *Lachnea gintlilii* Vel.).
- var. **nigrohirtula** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 48, 1948 on rotten wood of *Acer pseudoplatanus*.—Czechoslovakia.
- forma **cervorum** (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 47, 1948. (Syn. *Lachnea cervorum* Vel.).
- speluncarum** (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 30, 1948. (Syn. *Humaria speluncarum* Vel.).
- stercorea** (Pers. ex Fr.) Gillet var. **maialis** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 45, 1948 on cow dung.—Czechoslovakia.
- forma **citrinella** (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 45, 1948. (Syn. *Lachnea stercorea* (Pers. ex Fr.) Gillet var. *citrinella* Vel.).
- tenuis** (Fuckel) Sacc. var. **kavinae** Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 25, 1948 on old charcoal in woods.—Czechoslovakia. (Syn. *Sepultaria tenuis* Kavina).
- umbrorum** (Fr.) Gillet forma **arenosa** (Vel.) Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 60, 1948. (Syn. *Lachnea arenosa* Vel.).
- velenovskyi** Vacek ['in herbario'] ex

- Svrček in *Acta Mus. nat. Prag.*, **4 B**, No. 6 (Bot. No. 1), p. 51, 1948.—Czechoslovakia.
- Lachnella fasciculata** (Schw.) Locquin, this *Index*, **2**, p. 124. See also *Lachnella fasciculata* (Seaver & Waterston) Seaver, this *Index*, **2**, p. 103.
- Lactarius groenlandicus** Terkelsen in *Friesia*, **5**, p. 417, 1956 under *Salix*.—Greenland.
- Laetinaevia triglochis** Gremmen in *Bot. Tidsskr.*, **53**, p. 93, 1956 on dead stems of *Triglochin maritimum*.—Denmark.
- LAGENOCYSTIS** H. F. Copeland nom. nov., *The Classification of Lower Organisms*, p. 82, 1956. (Syn. *Lagena* Vanterpool & Ledingham, 1930, non Parker & Jones, 1859).
- radicicola** (Vanterpool & Ledingham) H. F. Copeland, *The Classification of Lower Organisms*, p. 82, 1956. (Syn. *Lagena radicicola* Vanterpool & Ledingham).
- ***LAJASSIELLA** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **12** (1950), p. 465, 1951.—*Trichomyces*. Sp. typ.: *L. aphodii*.
- *—**aphodii** Tuzet & Manier in *Ann. Sci. nat., Zool.*, Sér. XI, **12** (1950), p. 465, 1951 in larvae of *Aphodius*.—France.
- Lasiobolus aurantiacus** Batista & Maia [as 'aurantiaca'] in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 66, 1955 on bark of rotting tree.—Brazil.
- Lasiodiopodia frezaliana** Faurel & Schotter in *Bull. Soc. Hist. nat. Afr. N.*, **47**, p. 121, 1956 on stems of *Geranium capitatum*.—Algeria.
- Leccinum carpini** (Schulz) Moser [as 'Schulz & Pears.'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 26, 1953. [Syn. *Boletus scaber* Bull. ex Fr. var. *carpini* Schulz].
- Leciograpta decipiens** Grelet in *Rev. Mycol.*, Paris, **21**, p. 19, 1956 on rotten branches of *Olea*.—France.
- Leotia albiceps** (Peck) Mains in *Mycologia*, **48**, p. 700, 1956. (Syn. *Ombrophila albiceps* Peck).
- Lepiota kuehneriana** Locquin [as *kühneriana*] in *Friesia*, **5**, p. 296, 1956 in grass or in hedges.—France.
- neglecta** Hongo in *J. Jap. Bot.*, **31**, p. 251, 1956 on humus in plantation of *Chamaecyparis*.—Japan.
- sericifera** (Locquin) Locquin in *Friesia*, **5**, p. 294, 1956. (Syn. *Pseudobaeospora sericifera* Locquin).
- subcitrophylla** Hongo in *J. Jap. Bot.*, **31**, p. 148, 1956 on ground in woods of *Abies*.—Japan.
- Leptosphaeria halima** T. W. Johnson in *Mycologia*, **48**, p. 502, 1956 on *Liriodendron tulipifera* veneer test panel submerged in sea.—North Carolina, U.S.A.
- medicaginicola** Karimov in *Bot. Materp. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 122, 1956 on rotting stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- petri** Chevaugon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale (Encycl. Mycol. 28)*, p. 24, 1956 on leaves of *Manihot utilisima*.—Ivory Coast.
- Leptothyrium cupaniae** Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 40, 1955 on leaves of *Cupania*.—Brazil.
- hymenaeicola** Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 41, 1955 on leaves of *Hymenaea martiana*.—Brazil.
- myrtacicola** Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 43, 1955 on leaves of *Myrtaceae*.—Brazil.
- proticola** Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 43, 1955 on leaves of *Protium heptaphyllum*.—Brazil.
- roureae** Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 44, 1955 on leaves of *Rourea*.—Brazil.
- Lespaulitnia oligosperma** (Tul.) Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 25, 1954. (Syn. *Terfezia oligosperma* Tul.).
- phleboderma** (Gilkey) Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 25, 1954. (Syn. *Delastreopsis phleboderma* Gilkey).
- Leucocoprinus aureofloccosus** (Henn.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 116, 1953. (Syn. *Lepiota aureofloccosa* Henn.).
- denudatus** (Rab.) Singer forma **major** Hongo in *J. Jap. Bot.*, **31**, p. 250, 1956 on pine debris.—Japan.
- georginae** (W. G. Smith) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 132, 1955. (Syn. *Lepiota georginae* W. G. Smith).
- Leucopaxillus albissimus** (Peck) Singer (this *Index*, **2**, p. 170). Combination already made by Singer in *Schweiz. Z. Pilzk.*, **17**, p. 57, 1939.
- giganteus** (Sow. ex Fr.) Singer (this *Index*, **2**, p. 170). Combination already made by Singer in *Schweiz. Z. Pilzk.*, **17**, p. 57, 1939.
- lepistoides** (Maire) Singer (this *Index*, **2**, p. 170). Combination already made by Singer in *Schweiz. Z. Pilzk.*, **17**, p. 57, 1939.
- Lichenoconium xanthorhiae** M. S. Christiansen in *Friesia*, **5**, p. 212, 1956 on *Xanthoria polycarpa*.—Denmark.
- LINDRA** I. M. Wilson in *Trans. Brit. mycol. Soc.*, **39**, p. 411, 1956.—Sphaeriales. Sp. typ.: *L. inflata*.
- inflata** I. M. Wilson in *Trans. Brit. mycol. Soc.*, **39**, p. 411, 1956 on wood submerged in the sea.—Wales.
- LOBOA** Ciferri, De Azevedo, Campos & Carneiro in *Publ. Inst. Mic. Univ. Recife*, **53**, p. 12, 1956.—Entomophthorales imperfectae or Paracoccidioidaceae. Sp. typ.: *L. lobo*.
- loboi** (Fonseca & Leão) Ciferri, De Azevedo, Campos & Carneiro in *Publ. Inst. Mic. Univ. Recife*, **53**, p. 12, 1956. (Syn. *Glenosporella lobo* Fonseca & Leão).
- Lopharia cinerascens** (Schweinitz) G. H. Cunningham in *Trans. roy. Soc. N.Z.*, **83**, p. 622, 1956. (Syn. *Thelephora cinerascens* Schweinitz).
- vinosa** (Berkeley) G. H. Cunningham in *Trans. roy. Soc. N.Z.*, **83**, p. 625, 1956. (Syn. *Thelephora vinosa* Berkeley).
- Lyophyllum atratum** (Fr.) Singer var. **sphaerosporum** (Kühner & Romagnesi) M. Lange in *Rev. Mycol.*, Paris, **19**, p. 134, 1954. (Syn. *Lyophyllum sphaerosporum* Kühner & Romagnesi).
- carbonarium** (Vel.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 40, 1953. (Syn. *Omphalia carbonaria* Vel.).
- cessans** (Karst.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 41, 1953. [Syn. *Agaricus cessans* Karst.].
- conglobatum** (Vitt.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*,

- II, p. 43, 1953. [Syn. *Agaricus conglobatus* Vitt.].
- [**Lyophyllum**] **gibberosum** (J. Schäffer) M. Lange in *Rev. Mycol., Paris*, 19, p. 135, 1954. (Syn. *Collybia gibberosa* J. Schäffer).
- **murinum** (Batsch ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 41, 1953. [Syn. *Agaricus murinus* Batsch ex Fr.].
- Macrophoma anonae** Kavkasidze in *Trav. Inst. bot. Tbilissi*, 15, p. 118, 1953 on fruit of *Anona* [*Annona*] *triloba*.—? Georgia, U.S.S.R.
- **aucubicola** Kavkasidze in *Trav. Inst. bot. Tbilissi*, 15, p. 119, 1953 on dried up fallen leaves and dead twigs of *Aucuba japonica*.—Georgia, U.S.S.R.
- **luffae** Kavkasidze in *Trav. Inst. bot. Tbilissi*, 15, p. 121, 1953 on fruit of *Luffa cylindrica*.—? Georgia, U.S.S.R.
- **macarangae** T. S. Ramakrishnan in *Proc. Indian Acad. Sci., Sect. B*, 44, p. 120, 1956 on leaves of *Macaranga roxburghii*.—South India.
- **tagetis** Kavkasidze in *Trav. Inst. bot. Tbilissi*, 15, p. 123, 1953 on *Tagetes erecta* ('in summitibus').—Georgia, U.S.S.R.
- **tricyrtidis** Togashi & Katsuki apud Katsuki in *Kyushu Agr. Res.*, 7, November, 1950 on leaves of *Tricyrtis macropoda*.—Japan. [Pages of separate not numbered.]
- Maravalia millettiae** Yadav & Thirumalachar [as 'millettiae'] in *Indian Phytopath.*, 8 (1955), p. 143, 1956 on leaves of *Milletia* [*Milletia*] *auriculata*.—Bihar Province, India.
- Marssonina zanthoxyli** Chona & Munjal in *Indian Phytopath.*, 8 (1955), p. 193, 1956 on leaves of *Zanthoxylum alatum*.—Punjab, India.
- MEGALOXYPHIUM** Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, 47, p. 3, 1956.—Capnodiales imperfectae. Sp. typ.: *M. ophidioglossum*.
- **ophidioglossum** Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, 47, p. 3, 1956 on leaves of *Polyscias guilfoylei* [as 'gneyfoilei', presumably in error].—Brazil.
- MEGASTER** Ciferri, Batista, Nascimento & De Azevedo in *Publ. Inst. Mic. Univ. Recife*, 48, p. 2, 1956.—Moniliales: Dematiaceae. Sp. typ.: *M. longicornis*.
- **curvicornis** Batista, Vital & Ciferri apud Ciferri, Batista, Nascimento & De Azevedo in *Publ. Inst. Mic. Univ. Recife*, 48, p. 2, 1956 on leaves of *Diospyros philippensis*.—Brazil.
- **longicornis** Ciferri, Batista, Nascimento & De Azevedo in *Publ. Inst. Mic. Univ. Recife*, 48, p. 2, 1956 on leaves of *Polyscias guilfoylei* [as 'gneyfoilei', presumably in error].—Brazil.
- Melanconium eschweilerae** Batista & Lima in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 44, 1955 on leaves of *Eschweilera luschnati*.—Brazil.
- **eucalypticola** Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 47, 1956 on leaves of *Eucalyptus fasciculosa*.—South Australia.
- **moreaui** Chevaugon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (*Encycl. Mycol.* 28), p. 78, 1956 on dead stems of *Manihot utilisima* and *Ricinus communis*.—Ivory Coast.
- Melanoleuca rasilis** (Fr.) Singer (this *Index*, 2, p. 242). Combination already made by Singer in *Schweiz. Z. Pilzk.*, 17, p. 56, 1939.
- **schumacheri** (Fr.) Singer (this *Index*, 2, p. 171). Combination already made by Singer in *Schweiz. Z. Pilzk.*, 17, p. 56, 1939.
- MELASTIZIELLA** Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 61, 1948.—Pezizaceae. Sp. typ.: *Humariella pseudotrechispora* Schroeter.
- **asperima** (Ell. & Ev.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 61, 1948. (Syn. *Lachnea asperima* Ell. & Ev.).
- **pennsylvanica** (Seaver) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 61, 1948. (Syn. *Melastiza pennsylvanica* Seaver).
- **pseudotrechispora** (Schroeter) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 61, 1948. (Syn. *Humariella pseudotrechispora* Schroeter).
- Meliola camaragibeicola** Batista & Maia apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, 25, p. 6, 1956 on leaves of *Mouriria*.—Brazil.
- **cyathodis** Hansf. var. **stypheiae** Hansford, 1954 and 1955 (this *Index*, 2, pp. 214 and 279), are based on the same type.
- **doryphorae** Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 23, 1956 on leaves of *Doryphora sassafras*.—Queensland, Australia.
- **paulliniana** Batista & Nascimento apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, 25, p. 7, 1956 on leaves of *Paullinia*.—Brazil.
- **pradosiae** Batista apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, 25, p. 8, 1956 on leaves of *Pradosia lactescens*.—Brazil.
- **talisiana** Batista & Maia apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, 25, p. 9, 1956 on leaves of *Talisia esculenta*.—Brazil.
- **weigeltii** Kunze var. **fraxinifolii** Batista [as 'fraxinifoliae'] apud Batista, Nascimento & Maia in *Publ. Inst. Mic. Univ. Recife*, 25, p. 10, 1956 on leaves of *Astronium fraxinifolium*.—Brazil.
- Merulius lividus** (Pers. ex Fr.) Parker-Rhodes in *Ann. Bot., Lond.*, N.S., 20, No. 78, p. 258, 1956. [Basonym not cited.]
- Metasphaeria medicaginis** Karimov in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 121, 1956 on old stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- Microcylus coccolobae** Vital in *Publ. Inst. Mic. Univ. Recife*, 15, p. 4, 1956 on leaves of *Coccoloba*.—Brazil.
- Microdiplozia zelkovae** Săvulescu & Negru (this *Index*, 2, p. 244) was first published, with Latin diagnosis, in *Bull. stint. Acad. române*, 5, p. 418, 1953.
- Microsphaera hypophylla** Nevodovsky, Грiбы СССР (*Fungi of the U.S.S.R.*), Fasc. 1, No. 4, 1953 on leaves of *Quercus robur*.—U.S.S.R.
- Microsporium nanum** Fuentes in *Mycologia*, 48, p. 614, 1956 from man.
- Microspodium aciculiforme** Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, 47, p. 3, 1956 on leaves of *Polyscias guilfoylei* [as 'gneyfoilei', presumably in error].—Brazil.
- Mollisiella olivaceobrunnea** Grelet in *Rev. Mycol., Paris*, 19, p. 147, 1954 on dead wood of *Populus tremula*.—France.
- Mortierella alliacea** Linnemann in *Zbl. Bakt.*, Abt. 2, 107, p. 228, 1953.—Germany.
- **echinulata** Linnemann in *Zbl. Bakt.*, Abt. 2, 107, p. 229, 1953.—Germany.

- [*Mortierella*] *ericetorum* Linnemann in *Zbl. Bakt.*, Abt. 2, 107, p. 228, 1953 in open pine-woods with *Erica carnea* and *Polygala chamaebuxus*.—Germany.
- verrucosa* Linnemann in *Zbl. Bakt.*, Abt. 2, 107, p. 227, 1953 in spruce-forest.—Germany.
- Mycocacia subceracea* (Wakef.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 294, 1953. (Syn. *Acia subceracea* Wakef.).
- Mycobonia disciformis* G. H. Cunningham in *Trans. roy. Soc. N.Z.*, 83, p. 635, 1956 on bark of living trunk of *Rhopalostylis sapida*.—New Zealand.
- Mycosphaerella balsamopopuli* Nevodovsky, Грибы СССР (*Fungi of the U.S.S.R.*), Fasc. 1, No. 7, 1953 on leaves of *Populus balsamifera*.—U.S.S.R.
- brunnea* Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 35, 1956 on leaves of *Tristania*.—Queensland, Australia.
- cryptica* (Cooke) Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 35, 1956. (Syn. *Sphaerella cryptica* Cooke).
- helenae* Chevaugneon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (*Encycl. Mycol.* 28), p. 36, 1956 on leaves of *Manihot utilisima*.—Ivory Coast, French Guinea, and Tanganyika.
- ixodiae* Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 35, 1956 on leaves and stems of *Ixodia achilleoides*.—South Australia. (Conidia: *Septoria ixodiae* Hansford.)
- martinae* Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 36, 1956 on leaves of *Eucalyptus*.—Victoria, Australia.
- medicaginicola* Karimov in *Bot. Materp. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 120, 1956 on dry stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- medicaginis* Karimov in *Bot. Materp. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 119, 1956 on leaves and stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- nubilosa* (Cooke) Hansford [as 'n. comb.(?)'] in *Proc. Linn. Soc. N.S.W.*, 81, p. 36, 1956. (Syn. *Sphaerella nubilosa* Cooke).
- smilacicola* (Schw.) Chona & Munjal in *Indian Phytopath.*, 8 (1955), p. 186, 1956. (Syn. *Sphaerella smilacicola* (Schw.) Cooke [Basionym *Sphaeria smilacicola* Schw.]). [See also *Mycosphaerella smilacicola* (Cooke) Overholts, 1925.]
- **Mycotodea palustris* Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 42, 1954 on leaves of *Epilobium palustre*.—Germany.
- Myiocopron manihoticola* Chevaugneon [as 'manihoticolum'], *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (*Encycl. Mycol.* 28), p. 28, 1956 on dead twigs of *Manihot utilisima*.—Ivory Coast.
- Myrmecocystis compacta* (Harkn.) Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 7, 1954. (Syn. *Hydrocystis compacta* Harkn.).
- Myxadium epipoleum* (Fr.) Moser, in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 171, 1953. (Syn. *Cortinarius epipoleus* Fr.).
- illibatum* (Fr.) Moser, in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 171, 1953. (Syn. *Cortinarius illibatus* Fr.).

- NASCIMENTOA** Ciferri & Batista in *Publ. Inst. Mic. Univ. Recife*, 44, p. 4, 1956.—Moniliales: Dematiaceae. Sp. typ.: *N. pseudo-endogena*.
- pseudoendogena* Ciferri & Batista in *Publ. Inst. Mic. Univ. Recife*, 44, p. 4, 1956 on *Meliola on Cupania*.—Brazil.
- Nectria cyatheae* Dingley in *Trans. roy. Soc. N.Z.*, 83, p. 652, 1956 on stipes of *Cyatheae medullariae*.—New Zealand.
- egmontensis* Dingley in *Trans. roy. Soc. N.Z.*, 83, p. 653, 1956 on *Pseudowintera colorata*.—New Zealand.
- kowhai* Dingley in *Trans. roy. Soc. N.Z.*, 83, p. 654, 1956 on *Edwardsia microphylla*.—New Zealand.
- puberula* Speg. var. *microspora* Batista & Nascimento apud Batista, Nascimento & Vital in *Publ. Inst. Mic. Univ. Recife*, 33, p. 5, 1956 on *Irenopsis cynophallophorae* on *Capparis cynophallophora*.—Brazil.
- pulverulenta* Dingley in *Trans. roy. Soc. N.Z.*, 83, p. 657, 1956 on *Hoheria populnea*.—New Zealand.
- NEOCAPNODIUM** Yamamoto in *Papers Dedicated to Prof. Y. Tochinai and Prof. T. Fukushi in Commemoration of their Sixtieth Birthdays*, p. 56, 1955.—Capnodiaceae.
- Neottiella regalis* (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4B, No. 6 (Bot. No. 1), p. 69, 1948. (Syn. *Lachnea regalis* Vel.).
- Neottiosporella radicata* Morris in *Mycologia*, 48, p. 735, 1956 from bark.—Panama Canal Zone.
- Neovossia danubialis* Săvulescu in *Comun. Acad. Repub. pop. rom.*, 5, p. 71, 1955 in ovaries of *Phragmites communis*.—Rumania.
- **Nocardia sebivorans* Erikson apud Gorrell Heptinstall & Erikson in *J. Path. Bact.*, 68, p. 393, 1954 from man.—Greece.
- Odontia subfascicularia* (Wakef.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 294, 1953. (Syn. *Acia subfascicularia* Wakef.).
- Oedemium fungicola* Batista & Vital [as 'fungicolum'] apud Batista, Nascimento & Vital in *Publ. Inst. Mic. Univ. Recife*, 33, p. 7, 1956 on *Stromatopycnis rosetum* on *Coccoloba paniculata*.—Brazil.
- **Oidium laburni* Fischer in *PflSchBer.*, 16, p. 175, 1956 on leaves, overwintering in bud scales, of *Laburnum anagyroides*.—Austria.
- **Olivea colebrookiana* Thirumalachar & Yadav in *Indian Phytopath.*, 8 (1955), p. 144, 1956 on leaves of *Colebrookia* [*Colebrookia oppositifolia*].—Bihar Province, India. [As '*Olivea colebrookiana* (Barclay) Thirumalachar & Yadav comb. nov. Syn. *Uredo colebrookiana* Barcl.', which was originally published as '*Uredo colebrookiae*']
- OPHIOCILIOMYCES** Batista & Lima in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 29, 1955.—Erysiphales: Parodiopsidaceae. Sp. typ.: *O. bauhiniacae*.
- bauhiniae* Batista & Lima in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 30, 1955 on leaves of *Bauhinia radcliana*.—Brazil.
- brasiliensis* Batista & Lima [as 'brasiliensis'] in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 33, 1955 on leaves of indet. plant.—Brazil.
- richeriae* Batista apud Batista & Lima in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 34, 1955 on leaves of *Richeria*.—Brazil.
- xylopieae* Batista & Lima in *Ann. Soc. Biol.*

- Pernambuco*, 13, 2, p. 36, 1955 on leaves of *Xylopia*.—Brazil.
- Ophionectria larvaespora** (Cooke & Massee) Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 31, 1956. (Syn. *Lasiosphaeria larvaespora* Cooke & Massee).
- Ophiostoma multiannulatum** (Hedge. & Davidson) von Arx (this *Index*, 2, p. 105). Combination already made by Hendrickx in *Ann. Gembl.*, 43, p. 99, 1937; also by N. Fries in *Symb. bot. upsaliensis.*, 7, 2, p. 21, 1943.
- **obscurum** (Davidson) von Arx (this *Index*, 2, p. 105). Combination already made by Hendrickx in *Ann. Gembl.*, 43, p. 99, 1937.
- Orbilia luteorubella** (Nyl.) Karst. forma **pellucida** (Vel.) Švrček in *Acta Mus. nat. Prag.*, 10 B, No. 1 (Bot. No. 1), p. 12, 1954. (Syn. *Orbilia pellucida* Vel.). [With Latin diagnosis.]
- ***Orphella culicis** Tuzet & Manier in *C. R. Acad. Sci. Paris*, 225, p. 266, 1947 in larvae of *Culex hortensis*.—France.
- Othia lycii** Zerova in *J. Bot. Acad. Sci. Ukr.*, 13, 1, p. 86, 1956 on branches of *Lycium barbarum*.—Ukraine, U.S.S.R.
- ***PALAVASCIA** Tuzet & Manier in *C.R. Acad. Sci. Paris*, 224, p. 1856, 1947.—Trichomyces. Sp. typ.: *P. philosciae*.
- *— **philosciae** Tuzet & Manier in *C.R. Acad. Sci. Paris*, 224, p. 1856, 1947 in intestine of *Philoscia couchii*.—France.
- *— **sphaeromae** Tuzet & Manier in *C.R. Acad. Sci., Paris*, 226, p. 2178, 1948 in rectum of *Sphaeroma serratum*.—France.
- Paracoccidioides loboi** (Fonseca & Leão) Almeida & Lacaz in *Ann. Fac. Med. S. Paulo*, 24, p. 16, 1949. (Syn. *Glenosporella loboi* Fonseca & Leão).
- PARADIACHEOPSIS** Hertel in *Dusenja*, 5, p. 191, 1954.—Myxomycetes: Lamproderma-ceae. Sp. typ.: *P. curitabana*.
- **curitabana** Hertel in *Dusenja*, 5, p. 192, 1954.—Brazil.
- ***Paramoebidium simulii** Tuzet & Manier in *Ann. Sci. nat., Zool., Sér. XI*, 17, p. 61, 1955 in intestine of larvae of *Simulium equinum*.—France.
- PAROPODIA** Ciferri & Batista in *Publ. Inst. Mic. Univ. Recife*, 36, p. 5, 1956.—? Parodiopsidaceae or Meliolaceae. Sp. typ.: *P. intermedia*.
- **intermedia** Ciferri & Batista in *Publ. Inst. Mic. Univ. Recife*, 36, p. 6, 1956 on leaves of *Citrus aurantium*.—Brazil.
- var. **setosa** Batista & Vital apud Ciferri & Batista in *Publ. Inst. Mic. Univ. Recife*, 36, p. 6, 1956 on leaves of *Citrus limetta*.—Brazil.
- Paryphedria cupaniae** Batista & Vital [as 'Paryphaedria'] in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 69, 1955 on *Pleurococcus* on leaves of *Cupania oblongifolia*.—Brazil. [Helotiaceae: Lichenes?]
- Pellicularia praticola** (Kotila) Flentje in *Trans. Brit. mycol. Soc.*, 39, p. 353, 1956. (Syn. *Corticium praticola* Kotila).
- Peltosoma eucalypti** Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 44, 1956 on leaves of *Eucalyptus oleosa*.—South Australia.
- ***Penicillium aculeatum** Raper & Fennell var. **apiculatum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 124, 1956.
- *— **adametzoides** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 68, 1956.
- *— **brunneostoloniferum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 104, 1956.
- *— **casei** Staub var. **compactum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 101, 1956.
- *— **charlesii** Smith var. **rapidum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 73, 1956.
- *— **chrysogenum** Thom mutant var. **fulvescens** Takashima, Arima & Abe apud Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 92, 1956.
- *— **cinnamopurpureum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 52, 1956.
- *— **citreoovirens** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 87, 1956.
- *— **citreooviride** Biourge var. **aeneum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 58, 1956.
- *— **claviforme** Bainier mutant var. **candicans** Abe & Ura apud Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 116, 1956.
- *— mutant var. **olivicolor** Abe & Ura apud Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 116, 1956.
- *— **concavorugulosum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 127, 1956.
- *— **corylophiloides** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 89, 1956.
- *— **decumbens** Thom var. **atrovirens** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 70, 1956.
- *— **digitatum** Saccardo var. **latum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 97, 1956.
- *— **echinulonalgiovense** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 81, 1956.
- *— **estinogenum** Komatsu & Abe apud Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 132, 1956.
- *— **fellutanum** Biourge var. **nigrocastaneum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 71, 1956.
- *— **fuscoflavum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 64, 1956.
- *— **lilacinoechinulatum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 54, 1956.
- *— **meleagrinum** Biourge var. **viridiflavum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 92, 1956.
- *— **nigricans** Thom var. **sulfuratum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 84, 1956.
- *— **olivaceum** Sopp var. **norvegicum** Niethammer, *Die Gattung Penicillium* Link, p. 62, 1949.—Norway.
- *— **palitans** Westling var. **echinoconidium** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 111, 1956.
- *— **paraherquei** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 131, 1956.
- *— **pseudocasei** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 102, 1956.
- **ramusculum** Batista & Maia in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 24, 1955.—Brazil.
- *— **roqueforti** Thom var. **punctatum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 99, 1956.
- *— **thomii** Maire var. **flavescens** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 51, 1956.
- *— **trzebinskianum** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 63, 1956.
- *— **trzebinskii** Zaleski var. **magnum** Sakaguchi & Abe apud Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 62, 1956.
- *— **viridicyclopium** Abe in *J. gen. appl. Microbiol.*, Tokyo, 2, p. 107, 1956.
- Peniophora danica** M. P. Christiansen in *Friesia*, 5, p. 207, 1956 on wood of *Salix* and *Sambucus*.—Denmark.
- Peristemma pseudosphaeria** (Mont.) Jøstad in *Friesia*, 5, p. 280, 1956. (Syn. *Puccinia pseudosphaeria* Mont.).

- Peroneutypa polymorpha** Chevaugnon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. 28), p. 44, 1956 on stems of *Manihot utilisissima*.—Tropical Africa.
- ***Pezicula paradoxa** Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 75, 1954 on bark of Willow [*Salix*].—Germany.
- Peziza proteana** (Boud.) Seaver forma *sparassoides* (Boud.) Korf in *Mycologia*, 48, p. 714, 1956. (Syn. *Aleuria proteana* Boud. var. *sparassoides* Boud.).
- shearii** (Gilkey) Korf [as '*Peziza* (subgen. *Galactinia*) *shearii*'] in *Mycologia*, 48, p. 716, 1956. (Syn. *Daleomyces shearii* Gilkey).
- ***Pezizella citreopicta** Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 86, 1954 on branch of broad-leaved tree.—Germany.
- *—**cuprea** Kirschstein in Schieferdecker, *Die Schlauchpilze der Flora von Hildesheim*, p. 86, 1954 on rotting bark of Willow [*Salix*].—Germany.
- Phaeocollybia flava** (Bres.) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, 6, p. 489, 1950. [Syn. *Naucorella flava* Bres.].
- PHAEOPHLEBIA** W. B. Cooke in *Mycologia*, 48, p. 401, 1956.—? Thelephoraceae or Hydnaceae. Sp. typ.: *P. strigosozonata*.
- strigosozonata** (Schw.) W. B. Cooke in *Mycologia*, 48, p. 401, 1956. (Syn. *Merulius strigosus* Schw.).
- Phaeophragmeriella constricta** Batista & Vital apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 97, 1955 on *Phaeosaccardinula pipericola* on *Piper nigrum*.—Brazil.
- Phaeosaccardinula coumae** Batista & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 110, 1955 on leaves of *Couma utilis*.—Brazil.
- guajavae** Batista & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 111, 1955 on leaves of *Psidium guajava*.—Brazil.
- pipericola** Batista & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 115, 1955 on leaves of *Piper nigrum*.—Brazil.
- PHAEOTRICHOCOONIS** Subramanian in *Proc. Indian Acad. Sci.*, Sect. B, 44, p. 2, 1956.—Hyphomycetes: Dematiaceae. Sp. typ.: *P. crotalariae*.
- crotalariae** (Salam & Rao) Subramanian in *Proc. Indian Acad. Sci.*, Sect. B, 44, p. 2, 1956. (Syn. *Trichocoonis crotalariae* Salam & Rao).
- PHAEOTRICHUM** Cain & Barr apud Cain in *Canad. J. Bot.*, 34, p. 676, 1956.—Ascoloculares: Phaeotrichaceae. Sp. typ.: *P. hystericinum*.
- clircinatum** Cain in *Canad. J. Bot.*, 34, p. 678, 1956 on lemming dung.—Quebec Province, Canada.
- hystericinum** Cain & Barr apud Cain in *Canad. J. Bot.*, 34, p. 677, 1956 on porcupine dung.—Ontario, Canada.
- Phakopsora antigensis** Kern & Thurston ex Cummins in *Mycologia*, 48, p. 604, 1956 on *Acalypha*.—Guatemala. (*Phakopsora antigensis* (Cumm.) Kern & Thurston, nom. nud. [this *Index*, 1, p. 110].)
- cherimollae** Cummins in *Mycologia*, 48, p. 604, 1956 on *Anona* [*Annona*] *cherimolia*.—Guatemala. (*Phakopsora cherimoliae* (Lagerh.) Cumm., nom. nud. [this *Index*, 1, p. 44].)
- jatrophiicola** Cummins in *Mycologia*, 48, p. 604, 1956 on *Jatropha canescens*.—Mexico.
- loudetiae** Cummins in *Bull. Torrey bot. Cl.*, 83, p. 223, 1956 on *Loudetia arundinacea*.—Uganda.
- oplismeni** Cummins in *Bull. Torrey bot. Cl.*, 83, p. 223, 1956 on *Oplismenus compositus*.—New Guinea.
- parasnathii** Yadav & Thirumalachar in *Indian Phytopath.*, 8 (1955), p. 146, 1956 on leaves of dicotyledon (? *Guttiferae*).—Bihar Province, India.
- setariae** Cummins in *Bull. Torrey bot. Cl.*, 83, p. 223, 1956 on *Setaria lancea*.—Republic of Sudan.
- Phanerochaete chordalis** (v. Höhn. & Litsch.) Parker-Rhodes in *Ann. Bot., Lond.*, N.S., 20, No. 78, p. 258, 1956. [Basionym not cited.]
- ***Phellinus robustus** (Karst.) Bourd. & Galz. var. *buxi* Bourd. & Galz. forma *atrophaxidis* Bondarzew was incorrectly cited in this *Index*, 2, p. 285, as *Phellinus rimosus* var. *buxi* forma *atrophaxidis*.
- *——forma *diospyri* Bondarzew was incorrectly cited in this *Index*, 2, p. 285, as *Phellinus rimosus* var. *buxi* forma *diospyri*.
- Phlebia argentinensis** W. B. Cooke in *Mycologia*, 48, p. 394, 1956 on wood.—Argentina.
- atkinsoniana** W. B. Cooke in *Mycologia*, 48, p. 393, 1956 on rotten wood.—New York State, U.S.A.
- canadensis** W. B. Cooke in *Mycologia*, 48, p. 398, 1956 on indet. wood and wood of *Acer spicatum*.—Ontario, Canada.
- celtidis** W. B. Cooke in *Mycologia*, 48, p. 394, 1956 on dead wood of *Celtis*.—Idaho, U.S.A.
- cystidiata** Jackson apud W. B. Cooke in *Mycologia*, 48, p. 395, 1956 on wood of *Alnus rubra*.—California, U.S.A.
- murrillii** W. B. Cooke in *Mycologia*, 48, p. 398, 1956 on fallen long-leaf pine branch.—Florida, U.S.A.
- subalbida** W. B. Cooke in *Mycologia*, 48, p. 397, 1956 on rotting log of *Abies magnifica*.—California, U.S.A.
- Phlegmacium caesiocyaneum** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 175, 1953. (Syn. *Cortinarius caesiocyaneus* Britz.).
- canolilacium** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 174, 1953. (Syn. *Cortinarius canolilacinus* Britz.).
- cephalixum** (Seer.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 181, 1953. [Syn. *Agaricus cephalixus* Seer.].
- corrosus** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 180, 1953. (Syn. *Cortinarius corrosus* Fr.).
- crassum** (Fr.) Moser [as '(Fr.) ss. Bres. (non Ricken)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 176, 1953. (Syn. *Cortinarius crassum* Fr.).
- disputabile** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 182, 1953. (Syn. *Cortinarius disputabilis* Britz.).
- extricabile** (Britz.) Moser [as '(Britz.) ss. Hry'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 182, 1953. (Syn. *Cortinarius extricabilis* Britz.).

- [**Phlegmacium**] **fraudulosum** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 181, 1953. (Syn. *Cortinarius fraudulosus* Britz.).
- **legitimum** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 210, 1955. (Syn. *Cortinarius legitimum* Britz.).
- **lilacinopes** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 175, 1953. (Syn. *Cortinarius lilacinopes* Britz.).
- **lustratum** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 179, 1953. (Syn. *Cortinarius lustratus* Fr.).
- **multinum** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 216, 1955. (Syn. *Cortinarius multinus* Fr.).
- **olivascens** ([Batsch] Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 186, 1953. (Syn. *Cortinarius olivascens* [Batsch] Fr.).
- **praestans** (Cord.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 176, 1953. (Syn. *Cortinarius praestans* Cord.).
- **roseolimbatus** (Secr.) Moser in *Helmut Gams' Kryptogamenflora von Mitteleuropa*, II, p. 180, 1953. [Syn. *Agaricus roseolimbatus* Secr.].
- **urubicum** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, IIb, p. 215, 1955. [Syn. *Agaricus urubicum* Fr.].
- **visitatum** (Britz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 186, 1953. (Syn. *Cortinarius visitatus* Britz.).
- **xanthophyllum** (Cke.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 184, 1953. [Syn. *Cortinarius dibaphus* Fr. var. *xanthophyllum* Cooke].
- Phleospora myopori** (Cooke & Massee) Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 45, 1956. (Syn. *Septoria myoporii* Cooke & Massee).
- **nebulae** (Carr.) Ciferri in *Atti Ist. bot. Univ. Pavia*, Ser. 5, **10**, p. 245, 1954. (Syn. *Peziza nebulae* Carradori).
- **samaricola** Nevodovsky, Грибы СССР (*Fungi of the U.S.S.R.*), Fasc. 1, No. 19, 1953 on fruit of *Fraxinus*.—U.S.S.R.
- Pholiota agardhii** (Lund) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus agardhii* Lund].
- **apicrea** (Fr.) Moser [as '(Fr. ss. Rea)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 195, 1953. [Syn. *Agaricus apicreus* Fr.].
- **azyma** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus azymus* Fr.].
- **conissans** (Fr.) Moser [as '(Fr.) ss. Lge. non Ri.'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus conissans* Fr.].
- **inaurata** (W. G. Smith) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus inauratus* W. G. Smith].
- **lupina** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 195, 1953. [Syn. *Agaricus lupinus* Fr.].
- **scamba** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus scambus* Fr.].
- **scorpioides** (Fr.) Moser [as '(Fr. ex Karst. em. Ricken)'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 196, 1953. [Syn. *Agaricus scorpioides* Fr.].
- Pholiotina aberrans** (Kühner) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 436, 1950. (Syn. *Conocybe aberrans* Kühner).
- **coprophila** (Kühner) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 434, 1950. (Syn. *Conocybe coprophila* Kühner).
- **filipes** (Atk.) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 435, 1950. (Syn. *Galerula filipes* Atk.).
- **mairei** (Kühner) Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 435, 1950. (Syn. *Conocybe mairei* Kühner).
- **pygmaeoaffinis** (Fr.) Singer (this *Index*, **2**, p. 85). Combination earlier made by Singer in *Acta Inst. bot. Komarov. Acad. Sci. URSS, Pl. Crypt.*, Ser. II, **6**, p. 435, 1950.
- Phoma coccum** Karimov in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 124, 1956 on dead stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- **lycii** Zerova in *J. Bot. Acad. Sci. Ukr.*, **13**, **1**, p. 86, 1956 on branches of *Lycium barbarum*.—Ukraine, U.S.S.R.
- **medicaginicola** Karimov in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 125, 1956 on dry stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- **sirodesmii** Chona & Munjal in *Indian Phytopath.*, **8** (1955), p. 189, 1956 on juice from *Laccifer lacca* on *Ficus infectoria*.—Delhi Province, India.
- Phomatospora opuntiae** Batista & Vital apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, **2**, p. 85, 1955 on *Opuntia*.—Brazil.
- Phomopsis manihot** (Speg.) Chevaugon [as 'Phomopsis (Phyllosticta) manihot'], *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (Encycl. Mycol. **28**), p. 65, 1956. (Syn. *Phyllosticta manihot* Speg.). [Latin diagnosis: on leaves, twigs and stems of *Manihot utilissima*.—Tropical Africa.]
- Phragmidiella ugandana** Cummins [as 'Phragmidiella (?) ugandana'] in *Bull. Torrey bot. Cl.*, **83**, p. 224, 1956 on *Trichilia*.—Uganda.
- Phyllachora langdonii** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 28, 1956 on leaves of *Callistemon*.—Queensland, Australia.
- **queenslandica** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 28, 1956 on leaves of *Litsea dealbata*.—Queensland, Australia.
- Phyllosticta couraliae** Batista & Lima in *Ann. Soc. Biol. Pernambuco*, **13**, **2**, p. 45, 1955 on leaves of *Couralia toxophora*.—Brazil.
- **crambes** Rodigin in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **11**, p. 164, 1956 on leaves of *Crambe abyssinica*.—Bashkir Republic, U.S.S.R.
- **digitariae** Sprague in *Mycologia*, **48**, p. 743, 1956 in basal sheaths of *Digitaria ischaemum*.—Utah, U.S.A.
- **evodiae** Săvulescu & Negru (this *Index*, **2**, p. 249) was first published, with Latin

- diagnosis, in *Bull. stiint. Acad. române*, **5**, p. 417, 1953.
- [**Phyllosticta**] **fagopyri** Rodigin in Bot. Matrep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), **11**, p. 164, 1956 on leaves of *Fagopyrum sagittatum*.—Bashkir Republic, U.S.S.R.
- **heterophragmatis** Chona & Munjal [as 'heterophragmae'] in *Indian Phytopath.*, **8** (1955), p. 191, 1956 on leaves of *Heterophragma adenophyllum*.—Delhi Province, India.
- **ligulariae** Togashi & Katsuki apud Katsuki in *Kyushu Agr. Res.*, **7**, November, 1950 on leaves of *Ligularia stenocephala*.—Japan. [Pages of separate not numbered.]
- **tremae** Katsuki in *Kyushu Agr. Res.*, **6**, p. 52, 1950 on leaves of *Trema orientalis*.—Japan.
- Physalospora mangiferae** Batista apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, **2**, p. 80, 1955 on leaves of *Mangifera indica*.—Brazil.
- PHYSALOSPOROPSIS** Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, **2**, p. 82, 1955.—Sphaeriales. Sp. typ.: *P. rhizophoricola*.
- **rhizophoricola** Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, **2**, p. 83, 1955 on leaves of *Rhizophora mangle*.—Brazil.
- Physoderma claytonianum** H. C. Greene var. **sparrowii** Savile & Parmelee in *Mycologia*, **48**, p. 587, 1956 in leaves, stems and inflorescences of *Claytonia virginica*.—Ontario, Canada.
- **notosciadii** (Speg.) Karling in *Bull. Torrey bot. Cl.*, **83**, p. 294, 1956. (Syn. *Urophlyctis notosciadii* Speg.).
- Pichia carsonii** Phaff & Knapp in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 127, 1956 from slime flux of *Quercus kelloggii*.—California, U.S.A.
- **pastori** (Guilliermond) Phaff in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 115, 1956. (Syn. *Saccharomyces pastori* Guilliermond).
- **pini** (Holst) Phaff in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 115, 1956. (Syn. *Saccharomyces pini* Holst).
- **quercibus** [sic] Phaff & Knapp in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 126, 1956 from slime flux of *Quercus kelloggii*.—California, U.S.A.
- **silvestris** Phaff & Knapp in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 126, 1956 from slime fluxes of *Quercus kelloggii* and *Abies concolor*.—California, U.S.A.
- **vanrijii** Van Der Walt & Tschuschner in *J. gen. Microbiol.*, **15**, p. 460, 1956 from soil.
- **vinii** (Zimmermann) Phaff in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 115, 1956. (Syn. *Debaryomyces vini* Zimmermann).
- **xylosa** Phaff, Miller & Shifrine in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 159, 1956 from *Drosophila miranda*.—California, U.S.A.
- Placostroma eucalypti** (Cooke & Masege) Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 29, 1956. (Syn. *Phyllachora eucalypti* Cooke & Masege).
- Pleospora medicaginis** Karimov in Bot. Matrep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), **11**, p. 123, 1956 on dry stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- **pelagica** T. W. Johnson in *Mycologia*, **48**, p. 504, 1956 on culms of *Spartina alterniflora*.—North Carolina, U.S.A.
- Pluteus aquosus** Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 148, 1956 on rotten trunks of dicotyledonous trees.—Argentina.
- **chrysophlebius** (Berk. & Rav.) Sacc. subsp. **bruchii** (Speg.) Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 196, 1956. (Syn. *Nolanea bruchii* Speg.).
- **cinerellus** Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 156, 1956 on old fallen trunk of ? *Carya*.—Florida, U.S.A.
- **floridanus** Murrill apud Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 163, 1956 on decayed mossy or earthy logs of broad-leaved trees.—Florida, U.S.A.
- **haywardii** Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 147, 1956 on dead trunks and branches.—Argentina.
- **hololeucus** Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 200, 1956 on dead dicotyledonous trunk.—Argentina.
- **iguazuensis** Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 201, 1956 on rotten wood.—Argentina.
- **microsporus** (Dennis) Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 170, 1956. (Syn. *Pluteus hispidulus* (Fr.) Quel. var. *microsporus* Dennis).
- * — **psychriophorus** (Berk. & Br.) Sacc. var. **burserae** Singer ['ad int.'] in *Trans. Brit. mycol. Soc.*, **39**, p. 216, 1956 on rotten wood of *Bursera*.—Florida, U.S.A.
- * — var. **dennisii** Singer ['ad int.'] in *Trans. Brit. mycol. Soc.*, **39**, p. 214, 1956 in swampy forests on rotten logs.—Trinidad.
- var. **minutissimus** (Maire) Singer ['comb. nov. ad int.'] in *Trans. Brit. mycol. Soc.*, **39**, p. 214, 1956. (Syn. *Pluteus minutissimus* Maire).
- var. **seticeps** (Atk.) Singer ['comb. nov. ad int.'] in *Trans. Brit. mycol. Soc.*, **39**, p. 214, 1956. (Syn. *Leptonia seticeps* Atk.).
- var. **stigmatophorus** (Berk. & Br.) Singer ['comb. nov. ad int.'] in *Trans. Brit. mycol. Soc.*, **39**, p. 216, 1956. (Syn. *Agaricus stigmatophorus* Berk. & Br.).
- * — var. **venosus** Singer ['ad int.'] in *Trans. Brit. mycol. Soc.*, **39**, p. 215, 1956 on wood or leaves.—Florida, U.S.A.
- **rimosoaflinis** Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 211, 1956.—Argentina.
- **salicinus** (Pers. ex Fr.) Kummer var. **achloes** Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 183, 1956 on dead wood.—Michigan, U.S.A.
- **subfibrillosus** Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 187, 1956 on tree trunks.—Brazil.
- **variipes** Singer in *Trans. Brit. mycol. Soc.*, **39**, p. 218, 1956 on old dicotyledonous trunks.—Argentina.
- Poromyces hanedai** Y. Kobayashi in *J. Hattori bot. Lab.*, **5**, p. 1, 1951 on rotten tree-trunks (including *Machilus thunbergii*).—Japan.
- Porpoloma pes-caprae** (Fr.) Singer in *Mycologia*, **48**, p. 722, 1956. (Syn. *Agaricus pes-caprae* Fr.).
- Prillieuxia umbrina** (Fr.) Parker-Rhodes in *Ann. Bot., Lond., N.S.*, **20**, No. 78, p. 258, 1956. [Basonym not cited.]
- Protodonta livida** (Bres.) Parker-Rhodes in *Ann. Bot., Lond., N.S.*, **20**, No. 78, p. 258, 1956. [Basonym not cited.]
- PROTOSTEGIOMYCES** Batista & Vital apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, **2**, p. 94, 1955.—Excipulaceae. Sp. typ.: *P. lembosiae*.

- [**Protostegiomyces**] **lemboslae** Batista & Vital apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 95, 1955 on *Lembosia byssonimae*.—Brazil.
- Psathyrella appendiculata** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 207, 1953. [Syn. *Agaricus appendiculatus* Fr.].
- artemisiae** (Passerini) Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 127, 1949. [Syn. *Agaricus artemisiae* Passerini].
- battarae** (Fr.) Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 128, 1949. [Syn. *Agaricus battarae* Fr.].
- caput-medusae** (Fr.) A. H. Smith & Stuntz (this Index, 2, p. 8). Combination already made by Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 127, 1949.
- cernua** (Vahl ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 209, 1953. [Syn. *Agaricus cernuus* Vahl ex Fr.].
- conopilea** (Fr.) Pearson & Dennis in *Trans. Brit. mycol. Soc.*, **31**, p. 185, 1948. [Syn. *Agaricus conopileus* Fr.].
- cotonea** (Quél.) Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 126, 1949. (Syn. *Stropharia cotonea* Quél.).
- egenula** (Berk. & Br.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 207, 1953. [Syn. *Agaricus egenulus* Berk. & Br.].
- fagicola** (Lasch) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 209, 1953. [Syn. *Agaricus fagicola* Lasch].
- fatua** (Fr.) Pearson (this Index, 2, p. 107). Combination already made by Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 125, 1949.
- gyroflexa** (Fr.) Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 124, 1949. [Syn. *Agaricus gyroflexus* Fr.].
- hypsipoda** (Fr.) Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 128, 1949. [Syn. *Agaricus hypsipus* Fr.].
- jerdonii** (Berk. & Br.) Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 127, 1949. [Syn. *Agaricus jerdonii* Berk. & Br.].
- lacrimabunda** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 204, 1953. [Syn. *Agaricus lacrimabundus* Fr.].
- melanthina** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 204, 1953. [Syn. *Agaricus melanthinus* Fr.].
- microrrhiza** (Lasch) Singer (this Index, 2, p. 87). Combination already made by Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 123, 1949.
- oedipus** (Cooke) Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 128, 1949. (Syn. *Agaricus oedipus* Cooke).
- papyracea** (Pers. ex Fr.) Moser [as 'Bolt. ex Fr.'] in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 208, 1953. [Syn. *Agaricus papyraceus* Pers. ex Fr.].
- pyrotricha** (Holmsk. ex Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 204, 1953. [Syn. *Agaricus pyrotrichus* Holmsk. ex Fr.].
- scobinacea** (Fr.) Singer (this Index, 2, p. 87). Combination already made by Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 128, 1949.
- spintrigera** (Fr.) Konrad & Maublanc, *Les Agaricales* (Encycl. Mycol. 14), p. 128, 1949. [Syn. *Agaricus spintriger* Fr.].
- squamosa** (Karst.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, II b, p. 237, 1955. [Syn. *Psathyra pennata* (Fr.) Quél. var. *squamosa* Karst.].
- storea** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 204, 1953. [Syn. *Agaricus storea* Fr.].
- torpens** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 208, 1953. [Syn. *Agaricus torpens* Fr.].
- typhae** (Kalehbr.) Singer (this Index, 2, p. 87). Combination already made by Pearson & Dennis in *Trans. Brit. mycol. Soc.*, **31**, p. 185, 1948. See also '*Psathyrella typhae* (Kalehbr.) Kühn.' var. *sulcatotuberculosa* (this Index, 1, p. 268).
- PSEUDOARMILLARIELLA** (Sing.) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Cantharellula* subgen. *Pseudoarmillariella* Singer).—Agaricaceae. Sp. typ.: *P. ectypoides*.
- ectypoides** (Peck) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Cantharellula ectypoides* (Peck) Singer [Agaricus *ectypoides* Peck]).
- Pseudobalsamia nigrens** (Harkn.) Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 18, 1954. (Syn. *Balsamia nigrens* Harkn.).
- Pseudobotrytis terrestris** (Timonin) Subramanian in *Proc. Indian Acad. Sci.*, Sect. B, **43**, p. 277, 1956. (Syn. *Spicularia terrestris* Timonin).
- PSEUDOCLITOCYBE** (Sing.) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Cantharellula* subgen. *Pseudoclitocybe* Singer).—Agaricaceae. Sp. typ.: *P. cyathiformis*.
- cyathiformis** (Bull. ex Fr.) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Cantharellula cyathiformis* (Bull. ex Fr.) Sing. [Agaricus *cyathiformis* Bull. ex Fr.]).
- Pseudonectria ornata** Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 74, 1955 on living leaves of indet. plant.—Brazil.
- PSEUDOOMPHALINA** (Sing.) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Cantharellula* subgen. *Pseudoomphalina* Singer).—Agaricaceae. Sp. typ.: *P. kalchbrenneri*.
- kalchbrenneri** (Bres.) Singer in *Mycologia*, **48**, p. 725, 1956. (Syn. *Omphalia kalchbrenneri* Bres.).
- Pseudopeziza eucalypti** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 40, 1956 on leaves of *Eucalyptus*.—South Australia. (Conidia: *Gloeosporiella eucalypti* Hansford.)
- Puccinia ammophilina** Mains ex Cummins in *Mycologia*, **48**, p. 604, 1956 on *Ammophila arenaria*.—Oregon, U.S.A.
- andalgalensis** Lindquist in *Darwiniana*, B. Aires, **11**, p. 18, 1955 on leaves of *Calycera pulvinata*.—Argentina.
- bewsiae** Cummins in *Bull. Torrey bot. Cl.*, **83**, p. 226, 1956 on *Bewsia biflora*.—Nyasaland.
- biocellata** Vestergren ex Cummins in *Mycologia*, **48**, p. 606, 1956 on *Pluchea fastigiata*.—Argentina.
- callosa** Jørstad in *Ark. Bot.*, Ser. 2, **3**, p. 474, 1956 on *Vernonia obtusata*.—Brazil.
- chimboraogensis** Jørstad in *Ark. Bot.*, Ser. 2, **3**, p. 458, 1956 on *Arenaria serpens*.—Ecuador.
- cissi** Cummins in *Bull. Torrey bot. Cl.*, **83**, p. 226, 1956 on *Cissus*.—Kenya.

- [*Puccinia*] *completa* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 447, 1956 on *Phaedranassa*.—Ecuador.
- *coronifera* Kleb. forma *specialis agrostis* Azbukina in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, pp. 151 and 153, 1956 on *Agrostis*.—Maritime Territory, U.S.S.R. [Russian diagnosis.]
- forma *specialis beckmanniae* Azbukina in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, pp. 151, 153 and 156 on *Beckmannia syzigachne*.—Maritime Territory, U.S.S.R. [Russian diagnosis.]
- *costina* Cummins in *Mycologia*, 48, p. 605, 1956 on *Costus*.—New Guinea. (*Puccinia costina* (Syd.) Cummins, nom. nud. [this Index, 1, p. 45].)
- *degener* Mains & Holway ex Cummins in *Mycologia*, 48, p. 605, 1956 on *Salvia myriantha*.—Guatemala.
- *dusenii* Lindquist in *Darwiniana*, B. Aires, 11, p. 20, 1955 on leaves of *Boopis* ['sp. adhuc ignota aff. *patagonica*'].—Argentina.
- *echinulata* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 465, 1956 on *Dysodia serratifolia*.—Mexico.
- *ferulae-turkestanicae* Korbonschaja in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 149, 1956 on leaves, petioles, and stems of *Ferula clematidifolia*.—Tadzhikistan, U.S.S.R.
- *granchacoensis* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 464, 1956 on *Mikania*.—Bolivia.
- *hyparrheniae* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 226, 1956 on *Hyparrhenia variabilis*.—Nyasaland.
- *hyparrheniicola* Jørstad & Cummins apud Cummins in *Bull. Torrey bot. Cl.*, 83, p. 227, 1956 on *Hyparrhenia hirta*.—Canary Islands.
- *jalapensis* (Holway) Bartholomew ex Cummins in *Mycologia*, 48, p. 605, 1956. (Syn. *Aecidium jalapense* Holway, the type of which bears teliospores, now described).
- *jorstadii* Ahmad nom. nov. in *Biologia*, 2, p. 57, 1956. (Syn. *Puccinia nitida* Barcl. [1890] non *Puccinia nitida* (Str.) Roehl. [1813].) [Non *Puccinia jorstadii* Rytz, 1927.]
- *longispora* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 476, 1956 on *Vernonia pycnantha*.—Ecuador.
- *loudetiae-superbae* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 227, 1956 on *Loudetia superba*.—Nyasaland.
- *mariae-wilsoniae* G. W. Clint. var. *montiae* Savile apud Savile & Parmelee in *Mycologia*, 48, p. 574, 1956 on *Montia sibirica*.—Washington State, U.S.A.
- *millegranae* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 228, 1956 on *Panicum millegrana*.—Brazil.
- *modesta* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 476, 1956 on *Vernonia remotiflora*.—Paraguay.
- *moschopsidis* Lindquist in *Darwiniana*, B. Aires, 11, p. 19, 1955 on leaves of *Moschopsis monocephala*.—Argentina.
- *neorotundata* Cummins nom. nov. in *Mycologia*, 48, p. 606, 1956 on *Compositae*.—Brazil. (Syn. *Puccinia rotundata* Diet., 1897, non Bonorden, 1860).
- *nyasaensis* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 228, 1956 on *Panicum pectinatum*.—Nyasaland.
- *nyasalandica* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 228, 1956 on *Brachiaria decumbens*.—Nyasaland.
- *ottochloae* T. S. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, 44, p. 117, 1956 on leaves of *Ottochloa nodosa*.—South India.
- *pappophori* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 229, 1956 on *Pappophorum mucronulatum*.—Bolivia.
- *perotidis* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 229, 1956 on *Perotis indica*.—Sierra Leone.
- *poae-sudeticae* (West.) Jørstad forma *specialis poae* Azbukina in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, pp. 152 and 154, 1956 on *Poa compressa*, *P. palustris*, *P. pratensis* and *P. trivialis*.—Maritime Territory, U.S.S.R. [Russian diagnosis.]
- *ramelianoides* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 455, 1956 on *Berberis*.—Bolivia.
- *saltensis* Cummins in *Bull. Torrey bot. Cl.*, 83, p. 231, 1956 on *Stipa tucumana*.—Argentina.
- *stenomessi* Jørstad [as '*stenomessonis*'] in *Ark. Bot.*, Ser. 2, 3, p. 447, 1956 on *Stenomesson*.—Ecuador.
- *varioides* Jørstad in *Ark. Bot.*, Ser. 2, 3, p. 445, 1956 on *Aphelandra*.—Ecuador.
- *zingiberis* T. S. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, 44, p. 117, 1956 on leaves of *Zingiber officinale*.—South India.
- Pullularia fermentans* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 516, 1956 from man.—Texas, U.S.A.
- var. *benedekii* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 518, 1956 from *Lecanium corni*.
- var. *castellanii* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 518, 1956 from man.
- var. *fusca* (Browne) Wynne & Gott in *J. gen. Microbiol.*, 14, p. 516, 1956. (Syn. *Monilia fusca* Browne).
- var. *leaoi* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 517, 1956 from man.
- var. *melinii* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 517, 1956.
- var. *schoenii* Wynne & Gott in *J. gen. Microbiol.*, 14, p. 517, 1956.
- Ramaria camelicolor* Corner, Thind & Anand var. *camelicolor* in *Trans. Brit. mycol. Soc.*, 39, p. 480, 1956 on soil in oak forest.—North-West Himalayas, India.
- var. *rufa* Corner, Thind & Anand in *Trans. Brit. mycol. Soc.*, 39, p. 481, 1956 on soil in oak forest.—North-West Himalayas, India.
- *clarobrunnea* Corner, Thind & Anand in *Trans. Brit. mycol. Soc.*, 39, p. 478, 1956 on soil in oak forest.—North-West Himalayas, India.
- *flaviceps* Corner, Thind & Anand var. *cremea* Corner, Thind & Anand in *Trans. Brit. mycol. Soc.*, 39, p. 476, 1956 on soil in oak forest.—North-West Himalayas, India.
- var. *flaviceps* in *Trans. Brit. mycol. Soc.*, 39, p. 475, 1956 on soil in oak forest.—North-West Himalayas, India.
- Ravenelia mimosae-himalayanae* Ahmad [as '*mimosae-himalayae*'] in *Biologia*, 2, p. 80, 1956 on leaves of *Mimosa himalayana*.—West Pakistan.
- *sayeedii* Salam & Ramachar in *J. Indian bot. Soc.*, 35, p. 153, 1956 on leaves of *Sophora glauca*.—India.
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Rhizophydium heimii Motte in *Rev. Mycol.*, Paris, 21, p. 56, 1956 on *Chlamydomonas rheinhardi*.—France.

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Rhizophyllus acutoconicus Hongo in *J. Jap. Bot.*, 31, p. 252, 1956 among *Sasa*.—Japan.

—**asprellus** (Fries) Quél. var. **gracilis** Romagnesi in *Bull. Jard. bot. Brux.*, 26, p. 176, 1956 in dry forest.—Belgian Congo.

—**callidermus** Romagnesi [as '*Rhodophyllum (Entoloma) callidermus*'] in *Bull. Jard. bot. Brux.*, 26, p. 163, 1956 in forest.—French West Africa.

—**cuboidosporus** (Beeli) Romagnesi in *Bull. Jard. bot. Brux.*, 26, p. 171, 1956. (Syn. *Tubaria cuboidospora* Beeli).

—**cyananthes** Romagnesi [as '*Rhodophyllum (Ecclisia) cyananthes*'] in *Bull. Jard. bot. Brux.*, 26, p. 174, 1956 in dry forest.—Belgian Congo.

—**ealaensis** (Beeli) Romagnesi in *Bull. Jard. bot. Brux.*, 26, p. 158, 1956. (Syn. *Leptonia ealaensis* Beeli).

—**fibulatus** Romagnesi [as '*Rhodophyllum (Leptonia) fibulatus*'] in *Bull. Jard. bot. Brux.*, 26, p. 179, 1956 on dead branches and leaves in plantation of *Coffea arabica*.—Belgian Congo.

—**flavofuscus** Romagnesi [as '*Rhodophyllum (Entoloma) flavofuscus*'] in *Bull. Jard. bot. Brux.*, 26, p. 150, 1956 in dry forest.—Belgian Congo.

—**lilalensis** (Beeli) Romagnesi in *Bull. Jard. bot. Brux.*, 26, p. 152, 1956. (Syn. *Galera lilalensis* Beeli).

—**mammifer** Romagnesi [as '*Rhodophyllum (Nolanea) mammifer*'] in *Bull. Jard. bot. Brux.*, 26, p. 156, 1956 in plantation of *Coffea arabica*.—Belgian Congo.

—**mycenoides** Hongo in *J. Jap. Bot.*, 31, p. 253, 1956 among moss.—Japan.

—**nidorosiformis** Romagnesi [as '*Rhodophyllum (Entoloma) nidorosiformis*'] in *Bull. Jard. bot. Brux.*, 26, p. 160, 1956 in plantation of *Coffea arabica*.—Belgian Congo.

—**semilanceatus** Romagnesi [as '*Rhodophyllum (Nolanea) semilanceatus*'] in *Bull. Jard. bot. Brux.*, 26, p. 144, 1956 in dry forest.—Belgian Congo.

—**tigrinellus** Romagnesi var. **hysginus** Romagnesi in *Bull. Jard. bot. Brux.*, 26, p. 146, 1956 in plantation of *Coffea arabica*.—Belgian Congo.

Rhodotorula macerans Frederiksen in *Friesia*, 5, p. 237, 1956 from field-retted flax straw.—Denmark.

RIBALDIA Ciferri in *Atti Ist. bot. Univ. Pavia*, Ser. 5, 10, p. 243, 1954.—Leptostromataceae. Sp. typ.: *R. coryli*.

—**coryli** (Fuekel) Ciferri in *Atti Ist. bot. Univ. Pavia*, Ser. 5, 10, p. 244, 1954. (Syn. *Leptothyrium coryli* Fuekel).

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Rosellinia didoloti Saccas in *Agron. trop.*, Nogent, 11, p. 588, 1956 on dead trunks, branches and roots of *Coffea robusta*.—French Equatorial Africa.

—**erianthi** Chona & Munjal in *Indian Phytopath.*, 8 (1955), p. 186, 1956 in collar region of dead clumps of *Erianthus munja*.—Delhi Province, India.

—**megalospora** Saccas in *Agron. trop.*, Nogent, 11, p. 592, 1956 on dead twigs, branches, trunks and roots of *Coffea excelsa*.—French Equatorial Africa.

***Russula crawshayriana** Blum [as 'nom. nov.'] in *Bull. Soc. mycol. Fr.*, 72, p. 152, 1956.—? France.

*—**luteotacta** Rea var. **semitalis** Blum in *Bull. Soc. mycol. Fr.*, 72, p. 143, 1956 in roadside grass verge.—? France.

*—var. **serrulata** Blum in *Bull. Soc. mycol. Fr.*, 72, p. 142, 1956 in pasture.—France.

Saccardomyces asterinae (Hansf.) Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 101, 1955. (Syn. *Nematothecium asterinae* Hansford).

—**lembosicola** Batista & Maia [as '*lembosicola*'] apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 102, 1955 on *Lembosia byrsonimae* on *Byrsonima sericea*.—Brazil.

Saccharomyces cerevisiae Hansen var. **tetrasporus** (Dekker) Phaff, Miller & Shifrine [as '*(Beijerinck)*'] in *Leeuwenhoek ned. Tijdschr.*, 22, pp. 147 and 149, 1956. (Syn. *Saccharomyces manginii* Guilliermond var. *tetrasporus* Dekker, = *Saccharomyces tetrasporus* Beijerinck, nom. nud.).

—**delphensis** Van Der Walt & Tscheuschner in *Leeuwenhoek ned. Tijdschr.*, 22, p. 165, 1956 from sugary efflorescence on dried figs.—Cape Province, South Africa.

—**kluyveri** Phaff, Miller & Shifrine in *Leeuwenhoek ned. Tijdschr.*, 22, p. 159, 1956 from *Drosophila pinicola*.—California, U.S.A.

—**montanus** Phaff, Miller & Shifrine nom. nov. [as '*Naganishi nov. comb.*'] in *Leeuwenhoek ned. Tijdschr.*, 22, p. 148, 1956. (Syn. *Zygosaccharomyces fermentati* Naganishi, non *Saccharomyces fermentati* (Saito) Lodder & Kreger-van Rij).

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—**wickerhamii** Phaff, Miller & Shifrine in *Leeuwenhoek ned. Tijdschr.*, 22, p. 159, 1956 from *Drosophila montana* and *D. pinicola*.—California.

Scherffellomyces leptorhizus Johns in *Mycologia*, 48, p. 433, 1956 on *Zygnema*.—Michigan, U.S.A.

—**scherffellii** (Domján) Johns in *Mycologia*, 48, p. 437, 1956. (Syn. *Coralliochytrium scherffellii* Domján).

***Schizostoma melanospermum** Kirschstein in *Schieferdecker, Die Schlauchpilze der Flora von Hildesheim*, p. 32, 1954 on rotten wood of broad-leaved tree.—Germany.

Schizothyrella angustispora Chevaugéon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale (Encycl. Mycol. 28)*, p. 70, 1956 on dead twigs of *Manihot utilisima*.—Ivory Coast.

SCHIZOTRICHELLA Morris in *Mycologia*, 48, p. 733, 1956.—Tuberculariaceae. Sp. typ.: *S. lunata*.

—**lunata** Morris in *Mycologia*, 48, p. 735, 1956 from *Cantherellus odoratus*.—Republic of Panama.

- SCOLECOXYPHIUM** Ciferri & Batista apud Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, 47, p. 5, 1956.—Capnodiales Imperfectae. Sp. typ.: *S. fraseriae*.
- **fraseriae** Ciferri & Batista [as '*fraseri*'] apud Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, 47, p. 5, 1956 on leaves of *Jambosa malaccensis*.—Brazil.
- Scopella bauihnicola** Cummins in *Mycologia*, 48, p. 606, 1956 on *Bauhinia heterophylla*.—Cuba. (*Scopella bauihnicola* (P. Henn.) Cummins, nom. nud. [this *Index*, 1, p. 9].)
- **sapotae** Mains ex Cummins in *Mycologia*, 48, p. 607, 1956 on *Achras zapota*.—British Honduras.
- Septocylindrium angelicae** Katsuki in *Kyushu Agr. Res.*, 11, p. 42, 1953 on leaves of *Angelica polyclada*.—Japan.
- Septogloeum savulescui** Negru in *Bul. sti. Acad. Repub. rom.*, 6, 3, p. 1027, 1954 on leaves of *El[aeagnus angustifolia]*.—Rumania.
- **sojae** Yoshii & Nishizawa apud Nishizawa, Kinoshita & Yoshii in *Ann. Phytopath. Soc. Japan*, 20, p. 14, 1955 on leaves, petioles, stems and fruits of *Glycine max*.—Japan.
- Septonema trichomeriicola** Ciferri, Batista & Nascimento [as '*trichomericola*'] in *Publ. Inst. Mic. Univ. Recife*, 47, p. 4, 1956 on *Trichomerium jambosae* on *Jambosa malaccensis*.—Brazil.
- Septoria acaciae** Neergaard in *Friesia*, 5, p. 330, 1956 on phyllodes of *Acacia armata*.—Denmark.
- **adhatodae** Chona & Munjal in *Indian Phytopath.*, 8 (1955), p. 192, 1956 on leaves of *Adhatoda vasica*.—Delhi Province, India.
- **cucumis** Rodigin in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 165, 1956 on leaves of *Cucumis sativus*.—Bashkir Republic, U.S.S.R.
- **ixodiae** Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 35, 1956 on leaves and stems of *Ixodia achilleoides*.—South Australia. (Conidial *Mycosphaerella ixodiae* Hansford.)
- **scabra** Rodigin in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 166, 1956 on leaves of *Ulmus scabra*.—Bashkir Republic, U.S.S.R.
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- Sepultaria herinkii** Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 86, 1948 under bushes on black moist soil.—Czechoslovakia.
- SHANORELLA** R. K. Benjamin in *El Aliso*, 3, p. 319, 1956.—Gymnoascaceae. Sp. typ.: *S. spirotricha*.
- **spirotricha** R. K. Benjamin in *El Aliso*, 3, p. 319, 1956 on feathers of dead bird.—California, U.S.A.
- SHANORIA** Subramanian & K. Ramakrishnan in *Trans. Brit. mycol. Soc.*, 39, p. 317, 1956.—Sphaeropsidales. Sp. typ.: *S. bambusarum*.
- **bambusarum** (Shanor) Subramanian & K. Ramakrishnan in *Trans. Brit. mycol. Soc.*, 39, p. 317, 1956. (Syn. *Ciliochorella bambusarum* Shanor).
- * **Sirodesmium ellipsoideum** Neergaard [as '*n. sp. ad int.*'] apud Robak in *Friesia*, 5, p. 386, 1956 on *Picea abies*.—Norway.
- Sorosporium aeluropodis** Ahmad [as '*aeluropidis*'] in *Mycol. Pap., C.M.I.*, 64, p. 10, 1956 on inflorescence of *Aeluropus* [as '*Aeluropis*'] *lagopodioides*.—West Pakistan.
- **arthroxonis** Ahmad in *Mycol. Pap., C.M.I.*, 64, p. 10, 1956 on inflorescence of *Arthroxon lanceolatus*.—West Pakistan.
- **baluchistani** Ahmad in *Mycol. Pap., C.M.I.*, 64, p. 10, 1956 on inflorescence of *Bothriochloa*.—Baluchistan, West Pakistan.
- **bullatum** (Pavgi & Thirumalachar) Pavgi & Thirumalachar in *Mycopathologia*, 7, p. 284, 1956. (Syn. *Sorosporium consanguineum* Ell. & Ev. var. *bullatum* Pavgi & Thirumalachar).
- **cornutum** Pavgi & Thirumalachar in *Mycopathologia*, 7, p. 282, 1956 in ovaries of *Cymbopogon confertiflorus*.—Madras Province, India.
- **cymbopogonis** (Mundkur) Thirumalachar & Pavgi in *Mycopathologia*, 7, p. 283, 1956. (Syn. *Tolyposporium cymbopogonis* Mundkur).
- **paspali** McAlpine var. **verrucosum** Thirumalachar & Pavgi in *Mycopathologia*, 7, p. 283, 1956 on *Paspalum scrobiculatum*.—Bihar Province, India.
- * **SPARTIELLA** Tuzet & Manier in *Ann. Sci. nat., Zool., Sér. XI*, 12, p. 18, 1950.—Trichomycetes. Sp. typ.: *S. barbata*.
- * — **barbata** Tuzet & Manier in *Ann. Sci. nat., Zool., Sér. XI*, 12, p. 18, 1950 in larvae of *Boetis gemellus*.—France.
- Sphacelotheca bothriochloae-intermediae** (Padwick) Narasimhan apud Thirumalachar & Pavgi in *Mycopathologia*, 7, p. 287, 1956. (Syn. *Ustilago bothriochloae-intermediae* Padwick).
- **indica** (Mundkur) Thirumalachar & Pavgi in *Mycopathologia*, 7, p. 284, 1956. (Syn. *Sorosporium indicum* Mundkur).
- **microstegii** Ahmad [as '*microstegiae*'] in *Mycol. Pap., C.M.I.*, 64, p. 6, 1956 on inflorescence of *Microstegium nudum*.—West Pakistan.
- **monakai** Mishra in *Mycologia*, 48, p. 406, 1956 in ovaries of *Isachne dispar*.—Bihar Province, India.
- **pakistanica** Ahmad in *Mycol. Pap., C.M.I.*, 64, p. 7, 1956 on inflorescence of *Capillipedium parviflorum*.—West Pakistan.
- **pennisetina** Ahmad in *Mycol. Pap., C.M.I.*, 64, p. 7, 1956 on inflorescence of *Pennisetum flaccidum*.—West Pakistan.
- Sphaerita hoari** Lubinsky in *Canad. J. Microbiol.*, 1, p. 447, 1955 in *Eremoplastron bovis*.—West Pakistan.
- Sphaeronema camarae** Lucas in *Agron. lusit.*, 18, p. 118, 1956 on twigs of *Echium rosulatum*.—Portugal.
- **medicaginis** Karimov in *Bot. Marep. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 11, p. 127, 1956 on old stems of *Medicago sativa*.—Uzbekistan, U.S.S.R.
- Sphaerosoma mucidum** (Rodway) Hansford [as '*mucida*'] in *Proc. Linn. Soc. N.S.W.*, 81, p. 38, 1956. (Syn. *Spragueola mucida* Rodway).
- Sphaerospora brunnea** (Alb. & Schw. ex Fr.) Massee forma **sordida** (Vel.) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 65, 1948. (Syn. *Sphaerospora sordida* Vel.).
- **trechispora** (Berk. & Br.) Sacc. forma **paludicola** (Boudier) Svrček in *Acta Mus. nat. Prag.*, 4 B, No. 6 (Bot. No. 1), p. 67, 1948. (Syn. *Ciliaria trechispora* (Berk. & Br.) Boudier var. *paludicola* Boudier).
- Sphaerotheca verbenae** Săvălescu & Negru

- (this *Index*, 2, p. 251) was first published, with Latin diagnosis, in *Bull. stünt. Acad. române*, 5, p. 415, 1953.
- Spilomyces dendriticus** Hansford [as 'dendritica'] in *Proc. Linn. Soc. N.S.W.*, 81, p. 32, 1956 on leaves of *Eucalyptus odorata*.—South Australia.
- Sporobolomyces roseus** Kluyver & Van Niel var. *madurae* Janke in *Zbl. Bakt.*, Abt. 1, 161, p. 518, 1954 on man.
- SQUAMANITA** Imbach in *Mitt. Naturf. Ges. Luzern*, 15, p. 81, 1946.—Agaricaceae. Sp. typ.: *S. schreieri*.
- macrocephala** (Schulz.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, II, p. 66, 1953. [Syn. *Agaricus macrocephalus* Schulz.].
- odorata** (Cool) Imbach in *Mitt. Naturf. Ges. Luzern*, 15, p. 83, 1946. (Syn. *Lepiota odorata* Cool).
- schreieri** Imbach in *Mitt. Naturf. Ges. Luzern*, 15, p. 81, 1946 in woods by streams.—Switzerland.
- Stagonospora manihotis** Chevaugnon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (*Encycl. Mycol.* 28), p. 68, 1956 on leaves of *Manihot utilisima*.—Ivory Coast and Oubangui-Chari. ['Est status pycnidicus *Cercosporae caribaeae* Chupp et Ciferri.']
- Steganosporium lycii** Zerova in *J. Bot. Acad. Sci. Ukr.*, 13, 1, p. 85, 1956 on branches of *Lycium barbarum*.—Ukraine, U.S.S.R.
- Stereum hispidulum** (Berk.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 284, 1953. (Syn. *Phlebia hispidula* Berk.).
- Streptomyces albidoflavus** (Rossi Doria) Skinner in *J. gen. Microbiol.*, 5, p. 159, 1951. [Basonym not stated.]
- *—**albidofuscus** Okami & Umezawa apud Okami, Maeda & Umezawa in *J. Antibiotics*, Ser. A, 7, p. 55, 1954.—? Japan. [English diagnosis.]
- STRÖMATOPYCNIS** Vital in *Publ. Inst. Mic. Univ. Recife*, No. 15, p. 5, 1956.—Sphaeropsidales. Sp. typ.: *S. rosetum*.
- rosetum** Vital in *Publ. Inst. Mic. Univ. Recife*, 15, p. 5, 1956 on leaves of *Coccoloba paniculata*.—Brazil.
- Suillus collinitus** (Fr.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, Ed. 2, II b, p. 29, 1955. [Syn. *Boletus collinitus* Fr.].
- SYMPHYOSIRINIA** E. A. Ellis in *Trans. Norfolk Norw. Nat. Soc.*, 18, p. 5, 1956.—Discomycetes. Sp. typ.: *S. galii*.
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- galii** E. A. Ellis in *Trans. Norfolk Norw. Nat. Soc.*, 18, p. 6, 1956 on fallen fruit of *Galium palustre*.—England.
- Synchytrium travancoricum** T. S. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, 44, p. 114, 1956 on stem and leaves of *Impatiens chinensis*.—South India.
- Systemma globulosa** (Cooke & Masee) Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 32, 1956. (Syn. *Dothidea globulosa* Cooke & Masee).
- Tapesia ulicis** Grelet in *Rev. Mycol., Paris*, 19, p. 139, 1954 on dead branches of *Ulex europaeus*.—France.
- Terana laevis** (Pers. ex Fr.) Parker-Rhodes in *Ann. Bot., Lond.*, N.S., 20, No. 78, p. 258 1956. [Basonym not cited.]
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- cucumeris** (Frank) Donk in *Reinwardtia*, 3, p. 376, 1956. (Syn. *Hypochnus cucumeris* Frank).
- Thaxteria archeri** (Berk.) Hansford in *Proc. Linn. Soc. N.S.W.*, 81, p. 29, 1956. (Syn. *Sphaeria archeri* Berk.).
- Thecaphora molluginis** Săvulescu in *Comun. Acad. Repub. pop. rom.*, 5, p. 72, 1955 on fruits of *Mollugo cerviana*.—Rumania.
- Tilachlidiopsis piptadeniae** Batista & Maia in *Ann. Soc. Biol. Pernambuco*, 13, 2, p. 92, 1955 from macerated bark of *Piptadenia colubrina*.—Brazil.
- Tilletia banarasae** Pavgi & Thirumalachar in *Mycopathologia*, 7, p. 285, 1956 in ovaries of *Panicum trypheron*.—United Provinces, India.
- bangalorensis** Pavgi & Thirumalachar in *Mycopathologia*, 7, p. 285, 1956 in ovaries of *Eragrostis tenuifolia*.—Mysore State, India.
- cyasuri** Massenot apud Guyot, Malençon & Massenot in *Rev. Path. vég.*, 34, p. 191, 1955 in ovaries of *Cynosurus effusus*.—Morocco.
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- Tolyposporium aristidae** Ahmad in *Mycol. Pap., C.M.I.*, 64, p. 12, 1956 on inflorescence of *Aristida cyanantha*.—West Pakistan.
- Tomentella asterophora** (Bon.) Skovsted in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 12, 1950. (Syn. *Hypochnus asterophorus* Bon.).
- chlorina** (Mass.) G. H. Cunningham [as 'chlorinus'] in *Proc. Linn. Soc. N.S.W.*, 77 (1952), p. 279, 1953. (Syn. *Hypochnus chlorinus* Massee).
- ferruginea** (Pers.) Donk var. *laevis* Skovsted [as 'laeve'] in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 22, 1950.—Denmark.
- *—**hoehnelii** Skovsted [as 'höhnelii'] in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 29, 1950 [as 'nom. nov.' for *T. subfusca* (Karst.) v. Höhn. & Litsch. as described by v. Höhn. & Litsch., nom. *Hypochnus subfusca* Karst. as described by Karsten].
- *—**lurida** Skovsted in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 15, 1950 [as 'nom. nov. Syn. *Hypochnus fumosus* Fr. sensu Burt. and *Corticium sulphureum* Pers. sensu Bourdot & Galzin].
- pilati** Litsch. var. *laevis* Skovsted [as 'laeve'] in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 24, 1950 on *Picea abies*.—Denmark.
- *—**pseudoferruginea** Skovsted in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 18, 1950 [as 'nom. nov. Syn. *Tomentella ferruginea* (Pers.) sensu Schroeter, *Hypochnus ferrugineus* Pers. sensu Burt, *Tomentella ferruginea* Pers. sensu Bourd. & Galz., *Tomentella subferruginea* (Burt) Donk pro parte].
- pseudofusca** Skovsted in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 27, 1950 on *Fagus*.—Denmark.
- subferruginea** (Burt) Skovsted in *C. R. Lab. Carlsberg, Sér. physiol.*, 25, p. 20, 1950. (Syn. *Hypochnus subferrugineus* Burt.).
- tulasnelloidea** (v. Höhn. & Litsch.) Skovsted in *C. R. Lab. Carlsberg, Sér. physiol.*, 25,

- p. 14, 1950. (Syn. *Corticium tulasnellodeum* v. Höhn. & Litsch.).
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- obliqua** Cain apud Cain & Farrow in *Canad. J. Bot.*, **34**, p. 692, 1956 from Liberian antelope dung.—Africa.
- Trichomerium guajavae** (Bern.) Batista & Ciferri apud Batista & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 117, 1955. (Syn. *Limacinia guajavae* Bern.).
- Trichometasphaeria culmifida** (Karsten) Munk in *Friesia*, **5**, p. 307, 1956. (Syn. *Leptosphaeria culmifida* Karsten.).
- Trichosporon aculeatum** Phaff, Miller & Shifrine in *Leeuwenhoek ned. Tijdschr.*, **22**, p. 160, 1956 from *Drosophila pinicola* and *D. occidentalis*.—California, U.S.A.
- TRICHOTHYRIOMYCES** Batista & Maia apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 104, 1955.—Trichothyriaceae. Sp. typ.: *T. notatus*.
- notatus** Batista & Maia apud Batista, Maia & Vital [as 'notata'] in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 105, 1955 on *Irene melastomacearum*.—Brazil.
- Tripospermum cupaniae** (Frag. & Cif.) Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, **50**, p. 2, 1956. (Syn. *Triposporium cupaniae* Fragoso & Ciferri.).
- pes-gallinae** Ciferri, Batista & Nascimento in *Publ. Inst. Mic. Univ. Recife*, **50**, p. 3, 1956 on leaves of *Citrus aurantium*.—Brazil.
- TRIPOSPORIOPSIS** Yamamoto in *Papers Dedicated to Prof. Y. Tochinai and Prof. T. Fukushi in Commemoration of their Sixtieth Birthdays*, p. 56, 1955.—Capnodiaceae.
- TRIPTEROSPORA** Cain in *Canad. J. Bot.*, **34**, p. 700, 1956.—Plectascales: Tripterosporeae. Sp. typ.: *T. longicaudata*.
- brevicaudata** Cain in *Canad. J. Bot.*, **34**, p. 700, 1956 from radish seed.—British Columbia, Canada.
- erostrata** (Griff.) Cain in *Canad. J. Bot.*, **34**, p. 702, 1956. (Syn. *Pleuargia erostrata* Griff.).
- longicaudata** Cain in *Canad. J. Bot.*, **34**, p. 702, 1956 from horse dung.—Ontario, Canada.
- Tuber harknessii** Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 24, 1954 [as 'nom. nov.' for *Tuber caroli* sensu Harkn. non H. Bonnet] under oaks.—California, U.S.A.
- hinsdalei** Gilkey in *N. Amer. Flora*, Ser. II, Pt 1, p. 23, 1954 under trees.—California, U.S.A.
- Tubercinia agropyri-campestris** Massenet in *Rev. Path. vég.*, **34**, p. 194, 1955 on leaves, leaf-sheaths and glumes of *Agropyrum* [*Agropyron*] *campestre*.—Spain.
- asphodeli** Massenet in *Rev. Path. vég.*, **34**, p. 198, 1955 on leaves of *Asphodelus* ? *cerasifer*.—Morocco.
- Uleodothis tamarindi** Batista & Vital [as 'tamarindae'] apud Batista, Maia & Vital in *Ann. Soc. Biol. Pernambuco*, **13**, 2, p. 76, 1955 on leaves of *Tamarindus indica*.—Brazil.
- Uraecium extensum** (Arthur) Cummins in *Mycologia*, **48**, p. 607, 1956. (Syn. *Pileolaria extensa* Arthur.).
- Uredo acaciae-bursariae** Cummins [as 'acaciae-bursariae'] nom. nov. in *Mycologia*, **48**, p. 607, 1956. (Syn. *Ravenelia inquirenda* Arthur & Holway, 1918, based on uredia; non *Uredo inquirenda* Arthur, 1907). On *Acacia bursaria*.
- adenocaulonis** (Jackson) Cummins in *Mycologia*, **48**, p. 607, 1956. (Syn. *Coleosporium adenocaulonis* Jackson, based on uredia.).
- alaskana** (Mains) Cummins in *Mycologia*, **48**, p. 607, 1956. (Syn. *Pucciniastrum alaskanum* Mains, based on uredia.).
- arida** (Jackson ex Arthur) Cummins in *Mycologia*, **48**, p. 607, 1956. (Syn. *Coleosporium aridum* Jackson ex Arthur, based on uredia.).
- consimilis** (Arthur) Cummins in *Mycologia*, **48**, p. 607, 1956. (Syn. *Milesia consimilis* Arthur, based on uredia.).
- cubensis** (Arthur & J. R. Johnston) Cummins in *Mycologia*, **48**, p. 607, 1956. (Syn. *Ravenelia cubensis* Arthur & J. R. Johnston, based on uredia.).
- haplopappi** Jøerstad in *Ark. Bot.*, Ser. 2, **3**, p. 461, 1956 on *Haplopappus hypoleucus*.—Ecuador.
- hoffmanseggiae** (Long) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Ravenelia hoffmanseggiae* Long, based on uredia.).
- insignis** Lindquist in *Darwiniana*, B. Aires, **11**, p. 22, 1955 on leaves of *Nastanthus* [*Boopis*].—Argentina.
- investita** (Faull) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Uredinopsis investita* Faull, based on uredia.).
- mexicana** (Arthur) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Pileolaria mexicana* Arthur, based on uredia.).
- neopustulata** Cummins nom. nov. in *Mycologia*, **48**, p. 608, 1956 on leaves of *Stenorhynchus*.—Brazil. (Syn. *Uredo pustulata* P. Henn., 1899, non *Uredo pustulata* Pers., 1801.).
- obovata** (Arthur) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Desmella obovata* Arthur, based on uredia.).
- otostegiae** Ahmad in *Biologia*, **2**, p. 92, 1956 on leaves of *Otostegia limbata*.—West Pakistan.
- pallatangae** Jøerstad in *Ark. Bot.*, Ser. 2, **3**, p. 485, 1956 on *Dioscorea*.—Ecuador.
- piscariae** (Jackson) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Melampsora piscariae* Jackson, based on uredia.).
- pterocarpi** T. S. Ramakrishnan in *Proc. Indian Acad. Sci.*, Sect. B, **44**, p. 118, 1956 on leaves of *Pterocarpus marsupium*.—South India.
- spigeliae** (Arthur) Cummins in *Mycologia*, **48**, p. 608, 1956. (Syn. *Coleosporium spigeliae* Arthur, based on uredia.).
- Uromyces conicus** Jøerstad in *Ark. Bot.*, Ser. 2, **3**, p. 457, 1956 on *Cleome*.—Bolivia.
- eugentianae** Cummins nom. nov. in *Mycologia*, **48**, p. 608, 1956 on *Gentiana quinquefolia* var. *occidentalis*.—North America. (Syn. *Uromyces gentianae* Arthur, 1891, non *Uromyces gentianae* (Strauss) Lévillé, 1847.).
- lespedezae-sericeae** Ahmad in *Biologia*, **2**, p. 86, 1956 on leaves of *Lespedeza sericea*.—West Pakistan.
- nassellae** Cummins [as 'nasellae'] in *Bull. Torrey bot. Cl.*, **83**, p. 231, 1956 on *Nas[s]ella pubiflora*.—Bolivia.
- ratoides** Jøerstad in *Ark. Bot.*, Ser. 2, **3**, p. 479, 1956 on ? *Cayaponia*.—Ecuador.
- snowdeniae** Cummins in *Bull. Torrey bot. Cl.*, **83**, p. 231, 1956 on *Snowdenia scabra*.—Kenya.

- [**Uromyces**] **sporoboloides** Cummins in *Bull. Torrey bot. Cl.*, **83**, p. 232, 1956 on *Sporobolus berteronianus*.—Ecuador.
- **unitus** Peck subsp. **montanensis** Savile apud Savile & Parmelee in *Mycologia*, **48**, p. 582, 1956 on *Lewisia rediviva*.—Montana, U.S.A.
- subsp. **pacificus** Savile apud Savile & Parmelee in *Mycologia*, **48**, p. 583, 1956 on *Spraguea umbellata*.—California, U.S.A.
- subsp. **spragueae** (Harkn.) Savile apud Savile & Parmelee in *Mycologia*, **48**, p. 582, 1956. (Syn. *Uromyces spragueae* Harkn.).
- Uropyxis wiehei** Cummins in *Bull. Torrey bot. Cl.*, **83**, p. 232, 1956 on stems of *Aeschynomene abyssinica*.—Nyasaland.
- Ustilago chrysopogonis** Ahmad in *Mycol. Pap.*, *C.M.I.*, **64**, p. 2, 1956 on inflorescence of *Chrysopogon gryllus*.—West Pakistan.
- **jagdishwari** Mishra in *Mycologia*, **48**, p. 408, 1956 in ovules of *Eriocaulon*.—Bihar Province, India.
- **nelsoniana** Savile apud Savile & Parmelee in *Mycologia*, **48**, p. 585, 1956 in anthers of *Montia cordifolia*.—British Columbia Canada.
- **parasnathii** Thirumalachar & Pavgi in *Mycopathologia*, **7**, p. 286, 1956 in inflorescence of *Rottboellia compressa*.—Bihar Province, India.
- **sparti** Massenot in *Rev. Path. vég.*, **34**, p. 216, 1955 on spikelets of *Lygeum spartum*.—Tunisia.
- UTHATOBASIDIUM** Donk in *Reinwardtia*, **3**, p. 376, 1956.—Corticaceae [Thelephoraceae]. Sp. typ.: *Hypochnus fusisporus* Schroet. [Species not transferred.]
- Valsaria manihotis** Chevaugneon, *Les Maladies Cryptogamiques du Manioc en Afrique Occidentale* (*Encycl. Mycol.* **28**), p. 47, 1956 on dead branches of *Manihot utilissima*.—Ivory Coast.
- Vararia portentosa** (Berk. & Curt.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, **77** (1952), p. 290, 1953. (Syn. *Corticium portentosum* Berk. & Curt.).
- **rhodospora** (Wakef.) G. H. Cunningham in *Proc. Linn. Soc. N.S.W.*, **77** (1952), p. 291, 1953. (Syn. *Asterostromella rhodospora* Wakef.).
- Venturia inaequalis** (Cooke) Winter forma specialis **aucupariae** (Lasch) Menon in *Phytopath. Z.*, **27**, p. 130, 1956. (Syn. *Sphaerella aucupariae* Lasch).
- forma specialis **cotoneasteris** Menon in *Phytopath. Z.*, **27**, p. 131, 1956 on dead leaves of *Cotoneaster integerrima*.—Switzerland. [English diagnosis.]
- forma specialis **crataegi** (Aderh.) Menon in *Phytopath. Z.*, **27**, p. 130, 1956. (Syn. *Venturia crataegi* Aderh.).
- forma specialis **mali** Menon in *Phytopath. Z.*, **27**, p. 129, 1956 on dead leaves of *Pirus* [*Pyrus*] **malus**.—Switzerland. [English diagnosis.]
- **muelleri** Menon [as 'mülleri'] in *Phytopath. Z.*, **27**, p. 136, 1956 on dead leaves of *Rosa pendulina*.—Switzerland and France.
- **tomentosae** Menon in *Phytopath. Z.*, **27**, p. 132, 1956 on dead leaves of *Cotoneaster tomentosus*.—Switzerland.
- Vibrissea mclennani** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 39, 1956 on wood.—Victoria, Australia.
- **queenslandica** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 39, 1956 on the ground.—Queensland, Australia.
- Volvariella cinerascens** (Bres.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, **II**, p. 109, 1953. [Syn. *Volvaria cinerascens* Bres.].
- **fuscidula** (Bres.) Moser in *Helmut Gams' Kleine Kryptogamenflora von Mitteleuropa*, **II**, p. 110, 1953. [Syn. *Volvaria fuscidula* Bres.].
- Wettsteinina coryli** Hansford in *Proc. Linn. Soc. N.S.W.*, **81**, p. 37, 1956 on dead branches of *Corylus avellana*.—South Australia.
- ***Zygorhizidium verrucosum** Geitler in *Arch. Protistenk.*, **96**, pp. 109 and 116, 1942 on *Mesotaenium caldariorum* on moist soil.—Austria.

HOST INDEX

For Phanerogams see under families; for Algae, Fungi, Lichenes, and Pteridophyta see under those names; for animal hosts see under Insecta, Invertebrata, and Vertebrata.

ACANTHACEAE

- Adhatoda vasica*
Septoria adhatodae
Aphelandra
Puccinia varioides
Barleria cuspidata
Aecidium barleriae

AIZOACEAE

- Mollugo cerviana*
Thecaphora molluginis

ALGAE

- Chlamydomonas reinhardi*
Rhizophyidium heimii
Pleurococcus
Paryphedria cupariae
Zygnema
Scherffeliomyces leptorrhizus

AMARANTHACEAE

- Iresine*
Aecidium iresines

AMARYLLIDACEAE

- Phaedranassa
Puccinia completa
 Stenomesson
Puccinia stenomessi

ANACARDIACEAE

- Astronium fraxinifolium
Meliola weigeltii var. *fraxinifolii*
 Mangifera indica
Physalospora mangiferae

ANNONACEAE

- Annona cherimolia
Phakopsora cherimoliae
 Annona triloba
Macrophoma anonae
 Xylopia
Ophiociliomyces xylopii

APOCYNACEAE

- Alstonia scholaris
Glomerella alstoniae
 Couma utilis
Phaeosaccardinula coumae
 Echites sulphurea
Crossospora angusta

ARALIACEAE

- Gilibertia trifida
Cordana gilibertiae
 Polyscias guilfoylei
Megaloxypium ophidioglossum
Megaster longicornis
Microxypium aciculiforme

BALSAMINACEAE

- Impatiens chinensis
Synchytrium travancoricum

BASELLACEAE

- Ullucus tuberosus
Acidium ulluci

BERBERIDACEAE

- Berberis
Puccinia ramelianoides

BETULACEAE

- Corylus avellana
Gloeosporium corylinum
Wettsteinina coryli

BIGNONIACEAE

- Couralia toxophora
Phyllosticta couraliae
 Heterophragma adenophyllum
Phyllosticta heterophragmatis

BORAGINACEAE

- Echium rosulatum
Sphaeronema camarae

BROMELIACEAE

- Ananas
Anthostomella ananassicola

BURSERACEAE

- Protium heptaphyllum
Leptothyrium proticola

CACTACEAE

- Opuntia
Phomatospora opuntiae

CALYCERACEAE

- Boopis
Puccinia dusenii
 Calycera pulvinata
Puccinia andalgalensis
 Moschopsis monocephala
Puccinia moschopsidis
 Nastanthus (Boopis)
Uredo insignis

CAPPARIDACEAE

- Capparis cynophallophora
Irenopsis capparidicola
Irenopsis capparidicola var. *opposita*
 Cleome
Uromyces conicus

CAPRIFOLIACEAE

- Abelia chinensis
Cercospora abeliae
 Abelia grandiflora
Cercospora abeliae
 Viburnum opulus
Didymobotryopsis isingii

CARICACEAE

- Carica papaya
Colletotrichum gloeosporioides forma *specialis*
manihotis

CARYOPHYLLACEAE

- Arenaria serpens
Puccinia chimborazoensis
 Drymaria cordata
Cercospora drymariae

COMPOSITAE

- Puccinia neorotundata*
 Barnadesia dombeyana
Acidium barnadesiae
 Crepis japonica
Coleroa crepidis
 Cryptostemma calendulaceum
Acidium cryptostemmatis
 Culcitium adscendens
Acidium culcitii
 Dysodia serratifolia
Puccinia echinulata
 Eupatorium lindleyanum
Coleosporium eupatorii
 Haplopappus hypoleucus
Uredo haplopappi
 Heterothalamus acaulis
Acidium heterothalami
 Ixodia achilleoides
Mycosphaerella ixodiae
Septoria ixodiae
 Ligularia stenocephala
Phyllosticta ligulariae
 Mikania
Puccinia granchacoensis

Pluchea fastigiata

Puccinia biocellata

Tagetes erecta

Macrophoma tagetis

Vernonia obtusata

Puccinia callosa

Vernonia pycnantha

Puccinia longispora

Vernonia remotiflora

Puccinia modesta

Werneria nubigena

Acidium wernericola

Werneria pygmaea

Acidium werneriae

CONIFERAE

- Chamaecyparis thyoides
Gymnosporangium hyalinum
 Picea abies
Tomentella pilati var. *laevis*

CONNARACEAE

- Rourea
Leptothyrium roureae

CONVOLVULACEAE

- Dichondra repens
Cercospora dichondrae

CORNACEAE

- Aucuba japonica
Macrophoma aucubicola

CRUCIFERAE

- Crambe abyssinica*
Phyllosticta crambes
Sinapis alba
Ascochyta sinapis
Septoria sinapis-albae

CUCURBITACEAE

- ? *Cayaponia*
Uromyces ratooides
Cucumis sativus
Fusarium oxysporum forma *cucumerinum*
Septoria cucumis
Luffa cylindrica
Macrophoma luffae

DIOSCOREACEAE

- Dioscorea*
Uredo pallatangae

EBENACEAE

- Diospyros philippensis*
Megaster curvicornis

ELAEAGNACEAE

- Elaeagnus angustifolia*
Septogloeum savulescui

EMPETRACEAE

- Empetrum nigrum*
Chrysomyxa empetri

ERICACEAE

- Rhododendron macrophyllum*
Chrysomyxa piperiana

ERIOCAULACEAE

- Eriocaulon*
Ustilago jagdishvari

ERYTHROXYLACEAE

- Erythroxylum havanense*
Bubakia erythroxyl

EUPHORBIACEAE

- Acalypha*
Phakopsora antiquensis
Homalanthus populifolius
Englerulella homalanthi
Jatropha canescens
Phakopsora jatrophiicola
Jatropha curcas
Colletotrichum gloeosporioides forma *specialis manihotis*
Jatropha multifida
Colletotrichum gloeosporioides forma *specialis manihotis*
Kirganelia reticulata
Cerotelium kirganeliae
Macaranga roxburghii
Macrophoma macarangae
Manihot glaziovii
Colletotrichum gloeosporioides forma *specialis manihotis*
Manihot utilisima
Auerswaldia robertiana
Camarops nigricans
Ceratophoma manihoticola
Colletotrichum gloeosporioides forma *specialis manihotis*
Diatrypella ivorensis
Dimeriella hygrometrica
Glomerella cingulata forma *specialis manihotis*
Heterosporium luci
Leptosphaeria petri
Melanconium moreau
Mycosphaerella helenae
Myiocopron manihoticola
Peroneutypa polymorpha
Schizothyrella angustispora
Stagonospora manihotis
Valsaria manihotis

EUPHORBIACEAE (continued)

- Richeria*
Ophiociliomyces richeriae
Ricinus communis
Melanconium moreau

FAGACEAE

- Fagus*
Tomentella pseudofusca
Quercus nigra
Cronartium fusiforme
Quercus robur
Microsphaera hypophylla

FUNGI

- Cantherellus odoratus*
Schizotrichella lunata
Colletotrichum
Acladium ellipticum
Gloeotrochila anthuriicola
Didymaria acervulicola
Hendersonula toruloidea
Graphium hendersonulae
Irene melastomacearum
Trichothyriomyces notatus
Irenina entebbeensis
Eriomycopsis biseptata
Irenopsis cynophallophorae
Nectria puberula var. *microspora*
Lasiodiplodia theobromae
Dendrodochium parasiticum
Lembosia byrsonimae
Protostegiomyces lembosiae
Saccardomyces lembosticola
Meliola
Nascimentoa pseudoendogena
Parasterina cynophallophorae
Cephalosporiopsis asterinicola
Phaeosaccardinula pipericola
Phaeophragmeriella constricta
Stromatopyrenis rosetum
Oedemium fungicola
Trichomerium jambosae
Septonema trichomeriicola

GENTIANACEAE

- Gentiana quinquefolia* var. *occidentalis*
Uromyces eugentianae

GERANIACEAE

- Geranium capitatum*
Lasiodiplodia frezaliana
Geranium macrorrhizum
Gloeosporium geranii

GRAMINEAE

- Aeluropus lagopodioides*
Sorosporium aeluropodis
Agropyron campestre
Tubercinia agropyri-campestre
Agrostis
Puccinia coronifera forma *specialis agrostis*
Ammophila arenaria
Puccinia ammophilina
Andropogon gerardi
Cylindrosporium andropogonis
Aristida cyanantha
Tolyposporium aristidae
Arthaxon lanceolatus
Sorosporium arthaxonis
Beckmannia syzigachne
Puccinia coronifera forma *specialis beckmanniae*
Bewisia biflora
Puccinia bewisiae
Bothriochloa
Sorosporium baluchistani

GRAMINEAE (continued)

- Brachiaria decumbens
Angiopsora africana
Puccinia nyasalandica
 Capillipedium parviflorum
Sphacelotheca pakistanica
 Chrysopogon gryllus
Ustilago chrysopogonis
 Cymbopogon confertiflorus
Sorosporium cornutum
 Cynosurus effusus
Tilletia cynosuri
 Digitaria bicornis
Diorchidium digitariae
 Digitaria chinensis
Angiopsora digitariae
 Digitaria ischaemum
Phyllosticta digitariae
 Eragrostis tenuifolia
Tilletia bangalorensis
 Erianthus munja
Rosellinia erianthi
 Hyparrhenia hirta
Puccinia hyparrheniicola
 Hyparrhenia variabilis
Puccinia hyparrheniae
 Isachne dispar
Sphacelotheca monakai
 Loudetia arundinacea
Phakopsora loudetiae
 Loudetia superba
Puccinia loudetiae-superbae
 Lygeum spartum
Ustilago sparti
 Microstegium nudum
Sphacelotheca microstegii
 Nassella pubiflora
Uromyces nassellae
 Oplismenus compositus
Phakopsora oplismeni
 Ottochloa nodosa
Puccinia ottochloae
 Panicum millegrana
Puccinia millegranatae
 Panicum olivaceum
Angiopsora aurea
 Panicum pectinatum
Puccinia nyasaensis
 Panicum trypheron
Tilletia banarasae
 Pappophorum mucronulatum
Puccinia pappophori
 Paspalum scrobiculatum
Sorosporium paspali
 Pennisetum flaccidum
Sphacelotheca pennisetina
 Perotis indica
Puccinia perotidis
 Phragmites communis
Neovossia danubialis
 Poa compressa
Puccinia poae-sudeticae forma specialis *poae*
 Poa palustris
Puccinia poae-sudeticae forma specialis *poae*
 Poa pratensis
Puccinia poae-sudeticae forma specialis *poae*
 Poa trivialis
Puccinia poae-sudeticae forma specialis *poae*
 Rottboellia compressa
Ustilago parasnathii
 Saccharum officinarum
Arthrimum spegazzinii
 Setaria lancea
Phakopsora setariae

GRAMINEAE (continued)

- Snowdenia scabra
Uromyces snowdeniae
 Spartina alterniflora
Pleospora pelagica
 Sporobolus berteronianus
Uromyces sporoboloides
 Stipa tucumana
Puccinia saltensis
 Vetiveria zizanioides
Tilletia vetiveriae

GUTTIFERAE ?

- Phakopsora parasnathii*

HALORAGIDACEAE

- Haloragis
Cercospora haloragidis

INSECTA

- Aedes australis
Coelomomyces tasmaniensis
 Aphodius
Lajassella aphodii
 Chironomidae
Genistella chironomi
 Chironomus plumosus
Genistella choanifera
 Culex hortensis
Orphella culicis
 Drosophila miranda
Pichia xylosa
 Drosophila montana
Saccharomyces wickerhamii
 Drosophila occidentalis
Trichosporon aculeatum
 Drosophila pinicola
Saccharomyces kluyveri
Saccharomyces wickerhamii
Trichosporon aculeatum
 Lecanium corni
Pullularia fermentans var. *benedekii*
 Mesotaenium
Zygorhizidium verrucosum
 Rhitrogena alpestris
Genistella rhitrogenae
 Scale insects
Atractium indicum
 Simulium equinum
Glottia grassei
Harpella melusinae var. *eyziesi*
Paramoebidium simuli

INVERTEBRATA

- Armadillidium simoni subsp. *assimile*
Asellaria armadillidii
 Asellus aquaticus
Asellaria gramenei
 Boetis bioculatus
Genistella mailleti
 Boetis gemellus
Spartiella barbata
 Eremoplastron bovis
Sphaerita hoari
 Leptodesmus gasparae
Enterobryus sao-pauloi
 Leptodesmus jucundus
Enterobryus bresiliensis
 Leptodesmus vagans
Enterobryus schubarti
 Ligia mediterranea
Asellaria ligiae
 Mardonius piceus
Dalozia mardonii
 Myriapoda
Andohaheloa pauliani

INVERTEBRATA (continued)

- Philoscia couchii*
Palavascia philosciae
Sphaeroma serratum
Palavascia sphaeromae
- IRIDACEAE
Gladiolus
Curvularia trifolii forma *specialis gladioli*

JUNCAGINACEAE

- Triglochin maritimum*
Laetinaevia triglochinis

LABIATAE

- Colebrookea oppositifolia*
Olivea colebrookiana
Otostegia limbata
Uredo otostegiae
Salvia myrtiantha
Puccinia degener

LAURACEAE

- Litsea dealbata*
Phyllachora queenslandica
Neolitsea dealbata
Cryptocoryneum neolitseae
Eudimeriolum neolitseae
Persea gratissima
Cytospora perseeae
Gloeosporium perseeae

LECYTHIDACEAE

- Eschweilera luschnati*
Melanconium eschweilerae

LEGUMINOSAE

- Acacia armata*
Septoria acaciae
Acacia bursaria
Uredo acaciae-bursariae
Acacia decurrens
Diplodia acaciarum
Aeschynomene abyssinica
Uropyxis wiehei
Bauhinia anguinia
Cerotelium bauhiniae
Bauhinia heterophylla
Scopella bauhinicola
Bauhinia radcliana
Ophiociliomyces bauhiniae
Crotalaria retusa
Heterosporium luci
Edwardsia microphylla
Nectria kowhai
Glycine max
Diaporthe phaseolorum var. *caulivora*
Septogloeum sojae
Hardenbergia monophylla
Cryptostictis macalpinei
Hymenaea martiana
Leptothyrium hymenaeicola
Laburnum anagyroides
Oidium laburni
Lespedeza sericea
Uromyces lespedezae-sericeae
Medicago sativa
Cercospora medicaginicola
Diplodina consocians
Diplodina medicaginicola
Heterosporium medicaginis
Leptosphaeria medicaginicola
Metasphaeria medicaginis
Mycosphaerella medicaginicola
Mycosphaerella medicaginis
Phoma coccum
Phoma medicaginicola
Pleospora medicaginis
Sphaeronema medicaginis

LEGUMINOSAE (continued)

- Millettia auriculata*
Maravalia milletiae
Millettia barteri
Hapalophragmium deightonii
Mimosa himalayana
Ravenelia mimosae-himalayanae
Piptadenia colubrina
Tilachlidiopsis piptadeniae
Pterocarpus marsupium
Uredo pterocarpi
Sophora glauca
Ravenelia sayeedii
Tamarindus indica
Uleodothis tamarindi
Ulex europaeus
Tapesia ulicis

LICHENES

- Xanthoria polycarpa*
Lichenoconium xanthoriae

LILIACEAE

- Asphodelus* ? *cerasifer*
Tuburcinia asphodeli
Colchicum luteum
Aecidium colchici
Hosta
Cercospora hostae
Tricyrtis macropoda
Macrophoma tricyrtidis

LYTHRACEAE

- Lagerstroemia indica*
Irenopsis lagerstroemiae

MALVACEAE

- Hoheria populnea*
Nectria pulverulenta

MELASTOMACEAE

- Mouriria*
Meliola camaragibeicola

MELIACEAE

- Trichilia*
Phragmidium ugandana

MONIMIACEAE

- Doryphora sassafras*
Meliola doryphorae

MUSACEAE

- Heliconia bihai*
Heptaster hughesii

MYRTACEAE

- Leptothyrium myrtacicola*
Callistemon

Phyllachora langdonii

Eucalyptus

- Arnaudiella bancroftii*
Coccomyces martiniae
Cylindrosporium samueli
Gloeosporiella eucalypti
Mycosphaerella martiniae
Pseudopeziza eucalypti
Eucalyptus fasciculosa
Melanconium eucalypticola
Eucalyptus odorata
Spilomyces dendriticus
Eucalyptus oleosa
Peltosoma eucalypti
Jambosa malaccensis
Heptaster macroradiatus
Scolecoxyphium fraseriae
Psidium guajava
Phaeosaccardinula guajavae
Syzygium
Brooksia tropicalis
Chaetothyrium womersleyi

MYRTACEAE (continued)

Tristania

Mycosphaerella brunnea

OLEACEAE

Fraxinus

Phleospora samaricola

Olea

Lecicographa decipiens

ONAGRACEAE

Epilobium palustre

Mycotodea palustris

ORCHIDACEAE

Cattleya

Colletotrichum servazzii

Stenorrhynchus

Uredo neopustulata

PALMAE

Borassus flabellifer

Diatrypella borassi

Cocos nucifera

Robillarda palmicola

Rhopalostylis sapida

*Epithele nikau**Mycobonia disciformis*

PIPERACEAE

Piper nigrum

Phaeosaccardinula pipericola

POLYGONACEAE

Coccoloba

Microcyclus coccolobae

Coccoloba paniculata

Stromatopycnis rosetum

Fagopyrum sagittatum

Phyllosticta fagopyri

Polygonum amplexicaule

Puccinia jorstadii

PORTULACACEAE

Claytonia caroliniana

Endophyllum lacus-regis

Claytonia virginica

Physoderma claytonianum var. *sparrowii*

Lewisia rediviva

Uromyces unitus subsp. *montanensis*

Montia cordifolia

Ustilago nelsoniana

Montia sibirica

Puccinia mariae-wilsoniae var. *montiae*

Spraguea umbellata

Uromyces unitus subsp. *pacificus*

PROTEACEAE

Banksia integrifolia

Dothiorella banksiae

Grevillea robusta

Cercospora agharkari

PTERIDOPHYTA

Adiantum

Hyalospora orientalis

Cyathea medullaris

Nectria cyathea

RHAMNACEAE

Hovenia dulcis

Cercospora udagawana

RHIZOPHORACEAE

Rhizophora mangle

Physalosporopsis rhizophoricola

ROSACEAE

Cotoneaster integerrima

Venturia inaequalis forma *specialis cotoneasteris*

Cotoneaster tomentosa

Venturia tomentosae

ROSACEAE (continued)

Fragaria chilensis var. *ananassae**Idriella lunata**Pyrus malus**Venturia inaequalis* forma *specialis mali**Rosa pendulina**Venturia muelleri*

RUBIACEAE

*Coffea excelsa**Rosellinia megalospora**Coffea robusta**Rosellinia didolotii**Galium palustre**Symphyosirinia galii*

RUTACEAE

*Boeninghausenia albiflora**Cladosporium boeninghauseniae*

Citrus

Heterosporium luci

Citrus aurantium

*Paropodia intermedia**Tripospermum pes-gallinae*

Citrus limetta

Paropodia intermedia var. *setosa**Zanthoxylum alatum**Marssonina zanthoxyli*

SALICACEAE

*Populus balsamifera**Mycosphaerella balsamopopuli**Populus tremula**Mollisiella olivaceobrunnea*

Salix

*Allophylaria schieferdeckeriana**Belonium flocculum**Pezicula paradoxa**Pezizella cuprea**Salix virens**Corticium salicicola*

SANTALACEAE

*Osyris alba**Apiospora camarae*

SAPINDACEAE

Cupania

Leptothyrium cupaniae

Paullinia

*Meliola paulliniana**Talisia esculenta**Meliola talisiana*

SAPOTACEAE

*Achras zapota**Scopella sapotae**Lucuma nervosa**Achrotelium lucumae**Pradosia lactescens**Meliola pradosiae*

SOLANACEAE

*Lycium barbarum**Othia lycii**Phoma lycii**Steganosporium lycii*

TILIACEAE

Tilia

*Chaetomium crispatoideum**Tilia europaea**Elsinoe tiliae*

ULMACEAE

*Trema orientalis**Phyllosticta tremae**Ulmus scabra**Septoria scabra*

UMBELLIFERAE

- Angelica polyclada*
Septocylindrium angelicae
Angelica sylvestris
Symphyosirinia angelicae
Ferula clematidifolia
Puccinia ferulae-turkestanicae

VERTEBRATA

- Homo sapiens*
Aspergillus clavatonanicus
Microsporum nanum
Nocardia seborans
Pullularia fermentans
Pullularia fermentans var. *castellani*
Pullularia fermentans var. *leaoi*
Rhinosporidium amazonicum
Sporobolomyces roseus var. *madurae*

VITACEAE

- Cissus*
Puccinia cissi

VOCHYSIACEAE

- Vochysia oblongifolia*
Discosiella vochysiae

WINTERACEAE

- Pseudowintera colorata*
Nectria egmontensis

ZINGIBERACEAE

- Costus*
Puccinia costina
Zingiber officinale
Puccinia zingiberis

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